APPENDIX M

Chi-Square Data SPSS output

Crosstabs

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Participant group * Gender	145	100.0%	0	.0%	145	100.0%
Participant group * Enjoyment of school	135	93.1%	10	6.9%	145	100.0%
Participant group * Child's living arrangements	131	90.3%	14	9.7%	145	100.0%
Participant group * Presence of significant adult figure	127	87.6%	18	12.4%	145	100.0%
Participant group * Parental mental health problems	129	89.0%	16	11.0%	145	100.0%
Participant group * Parental drug abuse	127	87.6%	18	12.4%	145	100.0%
Participant group * Parental alcohol abuse	129	89.0%	16	11.0%	145	100.0%
Participant group * Parental criminal history	128	88.3%	17	11.7%	145	100.0%
Participant group * Use drugs	127	87.6%	18	12.4%	145	100.0%
Participant group * Drug use severity	127	87.6%	18	12.4%	145	100.0%
Participant group * Alcohol use	126	86.9%	19	13.1%	145	100.0%
Participant group * Alcohol use severity	145	100.0%	0	.0%	145	100.0%
Participant group * Cigarette use	125	86.2%	20	13.8%	145	100.0%
Participant group * Cigarette use severity	145	100.0%	0	.0%	145	100.0%
Participant group * Criminal convictions	145	100.0%	0	.0%	145	100.0%
Participant group * Severity of criminal convictions	145	100.0%	0	.0%	145	100.0%

Participant group * Gender

Crosstab

			Gender		
			Female	Male	Total
Participant group	AYDC	Count	2	30	32
		Expected Count	12.8	19.2	32.0
		% within Participant group	6.3%	93.8%	100.0%
		% within Gender	3.4%	34.5%	22.1%
		% of Total	1.4%	20.7%	22.1%
	HS	Count	56	57	113
		Expected Count	45.2	67.8	113.0
		% within Participant group	49.6%	50.4%	100.0%
		% within Gender	96.6%	65.5%	77.9%
		% of Total	38.6%	39.3%	77.9%
Total		Count	58	87	145
		Expected Count	58.0	87.0	145.0
		% within Participant group	40.0%	60.0%	100.0%
		% within Gender	100.0%	100.0%	100.0%
		% of Total	40.0%	60.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	19.488[a]	1	.000		
Continuity Correction[b]	17.726	1	.000		
Likelihood Ratio	23.568	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	19.354	1	.000		
N of Valid Cases	145				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.80.

b. Computed only for a 2x2 table

Participant group * Enjoyment of school

Crosstab

			Enjoyment of school		
			no	yes	Total
Participant group	AYDC	Count	14	18	32
		Expected Count	9.7	22.3	32.0
		% within Participant group	43.8%	56.3%	100.0%
		% within Enjoyment of school	34.1%	19.1%	23.7%
		% of Total	10.4%	13.3%	23.7%
	HS	Count	27	76	103
		Expected Count	31.3	71.7	103.0
		% within Participant group	26.2%	73.8%	100.0%

	% within Enjoyment of school	65.9%	80.9%	76.3%
	% of Total	20.0%	56.3%	76.3%
Total	Count	41	94	135
	Expected Count	41.0	94.0	135.0
	% within Participant group	30.4%	69.6%	100.0%
	% within Enjoyment of school	100.0%	100.0%	100.0%
	% of Total	30.4%	69.6%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	3.551[a]	1	.060		
Continuity Correction[b]	2.770	1	.096		
Likelihood Ratio	3.404	1	.065		
Fisher's Exact Test				.078	.050
Linear-by-Linear Association	3.524	1	.060		
N of Valid Cases	135				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 9.72.

b. Computed only for a 2x2 table

Participant group * Child's living arrangements

Crosstab

			Child's living arrangements							
			Homeless	Other	Other family	One step parent	One biological parent/One step parent	One biological parent	Both Biological Parents	Total
Participant group	AYDC	Count	1	6	4	0	5	11	5	32
		Expected Count	.2	1.7	1.5	.2	4.4	5.6	18.3	32.0
		% within Participant group	3.1%	18.8%	12.5%	.0%	15.6%	34.4%	15.6%	100.0%
		% within Child's living arrangements	100.0%	85.7%	66.7%	.0%	27.8%	47.8%	6.7%	24.4%
		% of Total	.8%	4.6%	3.1%	.0%	3.8%	8.4%	3.8%	24.4%
	HS	Count	0	1	2	1	13	12	70	99
		Expected Count	.8	5.3	4.5	.8	13.6	17.4	56.7	99.0
		% within Participant group	.0%	1.0%	2.0%	1.0%	13.1%	12.1%	70.7%	100.0%
		% within Child's living arrangements	.0%	14.3%	33.3%	100.0%	72.2%	52.2%	93.3%	75.6%
		% of Total	.0%	.8%	1.5%	.8%	9.9%	9.2%	53.4%	75.6%
Total		Count	1	7	6	1	18	23	75	131
		Expected Count	1.0	7.0	6.0	1.0	18.0	23.0	75.0	131.0
		% within Participant group	.8%	5.3%	4.6%	.8%	13.7%	17.6%	57.3%	100.0%
		% within Child's living arrangements	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		% of Total	.8%	5.3%	4.6%	.8%	13.7%	17.6%	57.3%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	43.205[a]	6	.000
Likelihood Ratio	42.430	6	.000
Linear-by-Linear Association	32.904	1	.000
N of Valid Cases	131		

a. 8 cells (57.1%) have expected count less than 5. The minimum expected count is .24.

Participant group * Presence of significant adult figure

Crosstab

			Presence of significant adult figure		
			no	yes	Total
Participant group	AYDC	Count	8	24	32
		Expected Count	5.3	26.7	32.0
		% within Participant group	25.0%	75.0%	100.0%
		% within Presence of significant adult figure	38.1%	22.6%	25.2%
		% of Total	6.3%	18.9%	25.2%
	HS	Count	13	82	95
		Expected Count	15.7	79.3	95.0
		% within Participant group	13.7%	86.3%	100.0%
		% within Presence of significant adult figure	61.9%	77.4%	74.8%
		% of Total	10.2%	64.6%	74.8%
Total		Count	21	106	127
		Expected Count	21.0	106.0	127.0
		% within Participant group	16.5%	83.5%	100.0%
		% within Presence of significant adult figure	100.0%	100.0%	100.0%
		% of Total	16.5%	83.5%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	2.221[a]	1	.136		
Continuity Correction[b]	1.477	1	.224		
Likelihood Ratio	2.069	1	.150		
Fisher's Exact Test				.169	.114
Linear-by-Linear Association	2.203	1	.138		

N of Valid Cases	127				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.29.

b. Computed only for a 2x2 table

Participant group * Parental mental health problems

Crosstab

			Parental mental health problems		
			no	yes	Total
Participant group	AYDC	Count	25	7	32
		Expected Count	28.8	3.2	32.0
		% within Participant group	78.1%	21.9%	100.0%
		% within Parental mental health problems	21.6%	53.8%	24.8%
		% of Total	19.4%	5.4%	24.8%
	HS	Count	91	6	97
		Expected Count	87.2	9.8	97.0
		% within Participant group	93.8%	6.2%	100.0%
		% within Parental mental health problems	78.4%	46.2%	75.2%
		% of Total	70.5%	4.7%	75.2%
Total		Count	116	13	129
		Expected Count	116.0	13.0	129.0
		% within Participant group	89.9%	10.1%	100.0%
		% within Parental mental health problems	100.0%	100.0%	100.0%
		% of Total	89.9%	10.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	6.536[a]	1	.011		
Continuity Correction[b]	4.919	1	.027		
Likelihood Ratio	5.673	1	.017		
Fisher's Exact Test				.017	.017
Linear-by-Linear Association	6.486	1	.011		
N of Valid Cases	129				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.22.

b. Computed only for a 2x2 table

Participant group * Parental drug abuse

Crosstab

			Parental drug abuse		
			no	yes	Total
Participant group	AYDC	Count	20	12	32
		Expected Count	24.7	7.3	32.0
		% within Participant group	62.5%	37.5%	100.0%
		% within Parental drug abuse	20.4%	41.4%	25.2%
		% of Total	15.7%	9.4%	25.2%
	HS	Count	78	17	95
		Expected Count	73.3	21.7	95.0
		% within Participant group	82.1%	17.9%	100.0%
		% within Parental drug abuse	79.6%	58.6%	74.8%
		% of Total	61.4%	13.4%	74.8%
Total		Count	98	29	127
		Expected Count	98.0	29.0	127.0
		% within Participant group	77.2%	22.8%	100.0%
		% within Parental drug abuse	100.0%	100.0%	100.0%
		% of Total	77.2%	22.8%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.222[a]	1	.022		
Continuity Correction[b]	4.168	1	.041		
Likelihood Ratio	4.866	1	.027		
Fisher's Exact Test				.029	.023
Linear-by-Linear Association	5.180	1	.023		
N of Valid Cases	127				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 7.31.

b. Computed only for a 2x2 table

Participant group * Parental alcohol abuse

Crosstab

			Parental alcohol abuse		
			no	yes	Total
Participant group	AYDC	Count	3	29	32
		Expected Count	3.5	28.5	32.0
		% within Participant group	9.4%	90.6%	100.0%
		% within Parental alcohol abuse	21.4%	25.2%	24.8%
		% of Total	2.3%	22.5%	24.8%
	HS	Count	11	86	97
		Expected Count	10.5	86.5	97.0

	% within Participant group	11.3%	88.7%	100.0%
	% within Parental alcohol abuse	78.6%	74.8%	75.2%
	% of Total	8.5%	66.7%	75.2%
Total	Count	14	115	129
	Expected Count	14.0	115.0	129.0
	% within Participant group	10.9%	89.1%	100.0%
	% within Parental alcohol abuse	100.0%	100.0%	100.0%
	% of Total	10.9%	89.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	.096[a]	1	.757		
Continuity Correction[b]	.000	1	1.000		
Likelihood Ratio	.099	1	.753		
Fisher's Exact Test				1.000	.525
Linear-by-Linear Association	.095	1	.758		
N of Valid Cases	129				

a. 1 cells (25.0%) have expected count less than 5. The minimum expected count is 3.47.

b. Computed only for a 2x2 table

Participant group * Parental criminal history

Crosstab

			Parental criminal history		Total
			no	yes	
Participant group	AYDC	Count	14	18	32
		Expected Count	24.0	8.0	32.0
		% within Participant group	43.8%	56.3%	100.0%
		% within Parental criminal history	14.6%	56.3%	25.0%
		% of Total	10.9%	14.1%	25.0%
	HS	Count	82	14	96
		Expected Count	72.0	24.0	96.0
		% within Participant group	85.4%	14.6%	100.0%
		% within Parental criminal history	85.4%	43.8%	75.0%
		% of Total	64.1%	10.9%	75.0%
Total		Count	96	32	128
		Expected Count	96.0	32.0	128.0
		% within Participant group	75.0%	25.0%	100.0%
		% within Parental criminal history	100.0%	100.0%	100.0%

Crosstab

			Parental criminal history		
			no	yes	Total
Participant group	AYDC	Count	14	18	32
		Expected Count	24.0	8.0	32.0
		% within Participant group	43.8%	56.3%	100.0%
		% within Parental criminal history	14.6%	56.3%	25.0%
		% of Total	10.9%	14.1%	25.0%
	HS	Count	82	14	96
		Expected Count	72.0	24.0	96.0
		% within Participant group	85.4%	14.6%	100.0%
		% within Parental criminal history	85.4%	43.8%	75.0%
		% of Total	64.1%	10.9%	75.0%
Total		Count	96	32	128
		Expected Count	96.0	32.0	128.0
		% within Participant group	75.0%	25.0%	100.0%
		% within Parental criminal history	100.0%	100.0%	100.0%
		% of Total	75.0%	25.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	22.222[a]	1	.000		
Continuity Correction[b]	20.056	1	.000		
Likelihood Ratio	20.338	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	22.049	1	.000		
N of Valid Cases	128				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 8.00.

b. Computed only for a 2x2 table

Participant group * Use drugs

Crosstab

			Use drugs		
			No	Yes	Total
Participant group	AYDC	Count	7	25	32
		Expected Count	21.7	10.3	32.0
		% within Participant group	21.9%	78.1%	100.0%
		% within Use drugs	8.1%	61.0%	25.2%
		% of Total	5.5%	19.7%	25.2%
	HS	Count	79	16	95
		Expected Count	64.3	30.7	95.0
		% within Participant group	83.2%	16.8%	100.0%
		% within Use drugs	91.9%	39.0%	74.8%
		% of Total	62.2%	12.6%	74.8%
Total		Count	86	41	127
		Expected Count	86.0	41.0	127.0
		% within Participant group	67.7%	32.3%	100.0%
		% within Use drugs	100.0%	100.0%	100.0%
		% of Total	67.7%	32.3%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	41.122[a]	1	.000		
Continuity Correction[b]	38.366	1	.000		
Likelihood Ratio	40.001	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	40.798	1	.000		
N of Valid Cases	127				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 10.33.

b. Computed only for a 2x2 table

Participant group * Drug use severity

Crosstab

			Drug use severity						
			Do not use drugs	One off	Less than once a month	Once a week or less	Once a day or less	More than once a day	Total
Participant group	AYDC	Count	7	0	0	3	4	18	32
		Expected Count	21.9	1.3	1.5	1.5	1.3	4.5	32.0

		% within Participant group	21.9%	.0%	.0%	9.4%	12.5%	56.3%	100.0%
		% within Drug use severity	8.0%	.0%	.0%	50.0%	80.0%	100.0%	25.2%
		% of Total	5.5%	.0%	.0%	2.4%	3.1%	14.2%	25.2%
	HS	Count	80	5	6	3	1	0	95
		Expected Count	65.1	3.7	4.5	4.5	3.7	13.5	95.0
		% within Participant group	84.2%	5.3%	6.3%	3.2%	1.1%	.0%	100.0%
		% within Drug use severity	92.0%	100.0%	100.0%	50.0%	20.0%	.0%	74.8%
		% of Total	63.0%	3.9%	4.7%	2.4%	.8%	.0%	74.8%
Total		Count	87	5	6	6	5	18	127
		Expected Count	87.0	5.0	6.0	6.0	5.0	18.0	127.0
		% within Participant group	68.5%	3.9%	4.7%	4.7%	3.9%	14.2%	100.0%
		% within Drug use severity	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		% of Total	68.5%	3.9%	4.7%	4.7%	3.9%	14.2%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	80.646[a]	5	.000
Likelihood Ratio	81.357	5	.000
Linear-by-Linear Association	73.787	1	.000
N of Valid Cases	127		

a. 9 cells (75.0%) have expected count less than 5. The minimum expected count is 1.26.

Participant group * Alcohol use

Crosstab

			Alcohol use		Total
			no	yes	
Participant group	AYDC	Count	2	30	32
		Expected Count	6.9	25.1	32.0
		% within Participant group	6.3%	93.8%	100.0%
		% within Alcohol use	7.4%	30.3%	25.4%
		% of Total	1.6%	23.8%	25.4%
	HS	Count	25	69	94
		Expected Count	20.1	73.9	94.0
		% within Participant group	26.6%	73.4%	100.0%
		% within Alcohol use	92.6%	69.7%	74.6%
		% of Total	19.8%	54.8%	74.6%
Total		Count	27	99	126
		Expected Count	27.0	99.0	126.0
		% within Participant group	21.4%	78.6%	100.0%

	% within Alcohol use	100.0%	100.0%	100.0%
	% of Total	21.4%	78.6%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	5.869[a]	1	.015		
Continuity Correction[b]	4.723	1	.030		
Likelihood Ratio	7.083	1	.008		
Fisher's Exact Test				.014	.010
Linear-by-Linear Association	5.823	1	.016		
N of Valid Cases	126				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 6.86.

b. Computed only for a 2x2 table

Participant group * Alcohol use severity

Crosstab

			Alcohol use severity							Total
			Do not use alcohol	one off	less than once a month	once a month	once a week or less	once a day or less	more than once a day	
Participant group	AYDC	Count	2	1	1	2	15	5	6	32
		Expected Count	10.2	6.8	3.1	.9	8.2	1.5	1.3	32.0
		% within Participant group	6.3%	3.1%	3.1%	6.3%	46.9%	15.6%	18.8%	100.0%
		% within Alcohol use severity	4.3%	3.2%	7.1%	50.0%	40.5%	71.4%	100.0%	22.1%
		% of Total	1.4%	.7%	.7%	1.4%	10.3%	3.4%	4.1%	22.1%
	HS	Count	44	30	13	2	22	2	0	113
		Expected Count	35.8	24.2	10.9	3.1	28.8	5.5	4.7	113.0
		% within Participant group	38.9%	26.5%	11.5%	1.8%	19.5%	1.8%	.0%	100.0%
		% within Alcohol use severity	95.7%	96.8%	92.9%	50.0%	59.5%	28.6%	.0%	77.9%
		% of Total	30.3%	20.7%	9.0%	1.4%	15.2%	1.4%	.0%	77.9%
Total		Count	46	31	14	4	37	7	6	145
		Expected Count	46.0	31.0	14.0	4.0	37.0	7.0	6.0	145.0
		% within Participant group	31.7%	21.4%	9.7%	2.8%	25.5%	4.8%	4.1%	100.0%
		% within Alcohol use severity	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		% of Total	31.7%	21.4%	9.7%	2.8%	25.5%	4.8%	4.1%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	56.871[a]	6	.000
Likelihood Ratio	56.681	6	.000
Linear-by-Linear Association	47.819	1	.000
N of Valid Cases	145		

a. 6 cells (42.9%) have expected count less than 5. The minimum expected count is .88.

Participant group * Cigarette use

Crosstab

			Cigarette use		Total
			no	yes	
Participant group	AYDC	Count	5	27	32
		Expected Count	19.2	12.8	32.0
		% within Participant group	15.6%	84.4%	100.0%
		% within Cigarette use	6.7%	54.0%	25.6%
		% of Total	4.0%	21.6%	25.6%
	HS	Count	70	23	93
		Expected Count	55.8	37.2	93.0
		% within Participant group	75.3%	24.7%	100.0%
		% within Cigarette use	93.3%	46.0%	74.4%
		% of Total	56.0%	18.4%	74.4%
Total		Count	75	50	125
		Expected Count	75.0	50.0	125.0
		% within Participant group	60.0%	40.0%	100.0%
		% within Cigarette use	100.0%	100.0%	100.0%
		% of Total	60.0%	40.0%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	35.289[a]	1	.000		
Continuity Correction[b]	32.848	1	.000		
Likelihood Ratio	36.474	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	35.007	1	.000		
N of Valid Cases	125				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.80.

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	35.289[a]	1	.000		
Continuity Correction[b]	32.848	1	.000		
Likelihood Ratio	36.474	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	35.007	1	.000		
N of Valid Cases	125				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 12.80.

b. Computed only for a 2x2 table

Participant group * Cigarette use severity

Crosstab

			Cigarette use severity					
			NA	one off	occassional	light	heavy	Total
Participant group	AYDC	Count	5	2	2	2	21	32
		Expected Count	21.6	1.8	2.4	1.1	5.1	32.0
		% within Participant group	15.6%	6.3%	6.3%	6.3%	65.6%	100.0%
		% within Cigarette use severity	5.1%	25.0%	18.2%	40.0%	91.3%	22.1%
		% of Total	3.4%	1.4%	1.4%	1.4%	14.5%	22.1%
	HS	Count	93	6	9	3	2	113
		Expected Count	76.4	6.2	8.6	3.9	17.9	113.0
		% within Participant group	82.3%	5.3%	8.0%	2.7%	1.8%	100.0%
		% within Cigarette use severity	94.9%	75.0%	81.8%	60.0%	8.7%	77.9%
		% of Total	64.1%	4.1%	6.2%	2.1%	1.4%	77.9%
Total		Count	98	8	11	5	23	145
		Expected Count	98.0	8.0	11.0	5.0	23.0	145.0
		% within Participant group	67.6%	5.5%	7.6%	3.4%	15.9%	100.0%
		% within Cigarette use severity	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		% of Total	67.6%	5.5%	7.6%	3.4%	15.9%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	81.580[a]	4	.000
Likelihood Ratio	73.812	4	.000
Linear-by-Linear Association	74.427	1	.000

N of Valid Cases	145		

a. 4 cells (40.0%) have expected count less than 5. The minimum expected count is 1.10.

Participant group * Criminal convictions

Crosstab

			Criminal convictions		
			no	yes	Total
Participant group	AYDC	Count	5	27	32
		Expected Count	26.0	6.0	32.0
		% within Participant group	15.6%	84.4%	100.0%
		% within Criminal convictions	4.2%	100.0%	22.1%
		% of Total	3.4%	18.6%	22.1%
	HS	Count	113	0	113
		Expected Count	92.0	21.0	113.0
		% within Participant group	100.0%	.0%	100.0%
		% within Criminal convictions	95.8%	.0%	77.9%
		% of Total	77.9%	.0%	77.9%
Total		Count	118	27	145
		Expected Count	118.0	27.0	145.0
		% within Participant group	81.4%	18.6%	100.0%
		% within Criminal convictions	100.0%	100.0%	100.0%
		% of Total	81.4%	18.6%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)	Exact Sig. (2-sided)	Exact Sig. (1-sided)
Pearson Chi-Square	117.160[a]	1	.000		
Continuity Correction[b]	111.658	1	.000		
Likelihood Ratio	111.658	1	.000		
Fisher's Exact Test				.000	.000
Linear-by-Linear Association	116.352	1	.000		
N of Valid Cases	145				

a. 0 cells (.0%) have expected count less than 5. The minimum expected count is 5.96.

b. Computed only for a 2x2 table

Participant group * Severity of criminal convictions

Crosstab

			Severity of criminal convictions					
			No convictions	misdemeanour	theft	robbery	assault	Total
Participant group	AYDC	Count	1	4	16	7	4	32
		Expected Count	24.9	1.1	3.5	1.5	.9	32.0
		% within Participant group	3.1%	12.5%	50.0%	21.9%	12.5%	100.0%

		% within Severity of criminal convictions	.9%	80.0%	100.0%	100.0%	100.0%	22.1%
		% of Total	.7%	2.8%	11.0%	4.8%	2.8%	22.1%
	HS	Count	112	1	0	0	0	113
		Expected Count	88.1	3.9	12.5	5.5	3.1	113.0
		% within Participant group	99.1%	.9%	.0%	.0%	.0%	100.0%
		% within Severity of criminal convictions	99.1%	20.0%	.0%	.0%	.0%	77.9%
		% of Total	77.2%	.7%	.0%	.0%	.0%	77.9%
Total		Count	113	5	16	7	4	145
		Expected Count	113.0	5.0	16.0	7.0	4.0	145.0
		% within Participant group	77.9%	3.4%	11.0%	4.8%	2.8%	100.0%
		% within Severity of criminal convictions	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
		% of Total	77.9%	3.4%	11.0%	4.8%	2.8%	100.0%

Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	134.585[a]	4	.000
Likelihood Ratio	136.606	4	.000
Linear-by-Linear Association	117.190	1	.000
N of Valid Cases	145		

a. 6 cells (60.0%) have expected count less than 5. The minimum expected count is .88.

APPENDIX N

MANCOVA Data SPSS output

General Linear Model

Between-Subjects Factors

		Value Label	N
Participant group	1	AYDC	31
	3	HS	80

Descriptive Statistics

	Participant group	Mean	Std. Deviation	N
Highest grade completed at school	AYDC	8.26	1.341	31
	HS	7.63	1.184	80
	Total	7.80	1.256	111
Number of criminal convictions	AYDC	24.39	38.407	31
	HS	.00	.000	80
	Total	6.81	22.871	111
APS Internalising factor	AYDC	56.16	13.284	31
	HS	52.08	12.826	80
	Total	53.22	13.025	111
APS Externalising factor	AYDC	70.94	11.316	31
	HS	51.34	11.727	80
	Total	56.81	14.550	111
APS ADHD scale	AYDC	60.71	10.103	31
	HS	51.19	11.027	80
	Total	53.85	11.558	111
APS Conduct Disorder scale	AYDC	76.87	10.711	31
	HS	50.46	11.265	80
	Total	57.84	16.251	111
APS Adjustment disorder scale	AYDC	65.58	9.695	31
	HS	51.53	12.071	80
	Total	55.45	13.054	111
APS Major Depression scale	AYDC	54.39	12.110	31
	HS	51.47	12.034	80
	Total	52.29	12.071	111
APS Substance Abuse scale	AYDC	73.23	21.145	31
	HS	50.96	9.503	80
	Total	57.18	16.955	111
APS Panic disorder scale	AYDC	54.87	14.791	31
	HS	51.73	11.932	80
	Total	52.60	12.804	111
APS Obsessive Compulsive Disorder scale	AYDC	56.26	14.857	31
	HS	51.95	11.323	80
	Total	53.15	12.492	111
APS Generalised Anxiety Disorder scale	AYDC	53.81	11.937	31
	HS	51.55	11.342	80
	Total	52.18	11.501	111
APS Separation Anxiety disorder scale	AYDC	61.23	17.800	31
	HS	51.40	10.782	80

	Total	54.14	13.766	111
APS Post-Traumatic Stress Disorder scale	AYDC	58.42	13.094	31
	HS	52.03	12.499	80
	Total	53.81	12.933	111
APS Dysthymic Disorder scale	AYDC	55.45	9.525	31
	HS	52.46	12.901	80
	Total	53.30	12.087	111
APS Manic symptoms scale	AYDC	55.45	12.187	31
	HS	50.20	10.873	80
	Total	51.67	11.446	111
APS Schizophrenia symptoms scale	AYDC	56.74	13.897	31
	HS	51.53	11.927	80
	Total	52.98	12.663	111
WISC-III / SPM Estimated FSIQ	AYDC	77.90	14.552	31
	HS	100.64	15.375	80
	Total	94.29	18.235	111
BaRON EQi:YV Total score (EQ)	AYDC	85.32	15.658	31
	HS	94.06	15.977	80
	Total	91.62	16.300	111
BaRON EQi:YV Interpersonal	AYDC	88.87	14.950	31
	HS	90.18	16.382	80
	Total	89.81	15.939	111
BaRON EQi:YV Intrapersonal	AYDC	94.52	16.233	31
	HS	96.68	14.187	80
	Total	96.07	14.743	111
BaRON EQi:YV Stress management	AYDC	85.10	17.530	31
	HS	98.35	15.872	80
	Total	94.65	17.332	111
BaRON EQi:YV Adaptability	AYDC	90.00	15.481	31
	HS	94.23	17.059	80
	Total	93.05	16.673	111
BaRON EQi:YV General Mood	AYDC	87.87	15.631	31
	HS	90.07	17.569	80
	Total	89.46	17.008	111
JEPQ-RS Extraversion	AYDC	8.84	2.634	31
	HS	7.70	3.188	80
	Total	8.02	3.075	111
JEPQ-RS Neuroticism	AYDC	6.32	3.637	31
	HS	5.66	3.635	80
	Total	5.85	3.631	111
JEPQ-RS Psychoticism	AYDC	4.06	2.568	31
	HS	2.68	2.266	80
	Total	3.06	2.424	111

Multivariate Tests[c]

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power[b]
Intercept	Pillai's Trace	.877	21.708[a]	27.000	82.000	.000	.877	586.110	1.000
	Wilks' Lambda	.123	21.708[a]	27.000	82.000	.000	.877	586.110	1.000
	Hotelling's Trace	7.148	21.708[a]	27.000	82.000	.000	.877	586.110	1.000
	Roy's Largest Root	7.148	21.708[a]	27.000	82.000	.000	.877	586.110	1.000
Age	Pillai's Trace	.773	10.369[a]	27.000	82.000	.000	.773	279.967	1.000
	Wilks' Lambda	.227	10.369[a]	27.000	82.000	.000	.773	279.967	1.000
	Hotelling's Trace	3.414	10.369[a]	27.000	82.000	.000	.773	279.967	1.000
	Roy's Largest Root	3.414	10.369[a]	27.000	82.000	.000	.773	279.967	1.000
Group	Pillai's Trace	.767	9.977[a]	27.000	82.000	.000	.767	269.385	1.000
	Wilks' Lambda	.233	9.977[a]	27.000	82.000	.000	.767	269.385	1.000
	Hotelling's Trace	3.285	9.977[a]	27.000	82.000	.000	.767	269.385	1.000
	Roy's Largest Root	3.285	9.977[a]	27.000	82.000	.000	.767	269.385	1.000

a. Exact statistic

b. Computed using alpha = .05

c. Design: Intercept + Age + Group

Levene's Test of Equality of Error Variances[a]

	F	df1	df2	Sig.
Highest grade completed at school	19.276	1	109	.000
Number of criminal convictions	68.191	1	109	.000
APS Internalising factor	.502	1	109	.480
APS Externalising factor	.504	1	109	.479
APS ADHD scale	.015	1	109	.903
APS Conduct Disorder scale	.194	1	109	.660
APS Adjustment disorder scale	.954	1	109	.331
APS Major Depression scale	.046	1	109	.830
APS Substance Abuse scale	36.060	1	109	.000
APS Panic disorder scale	3.259	1	109	.074
APS Obsessive Compulsive Disorder scale	5.697	1	109	.019
APS Generalised Anxiety Disorder scale	.622	1	109	.432
APS Separation Anxiety disorder scale	18.873	1	109	.000
APS Post-Traumatic Stress Disorder scale	.005	1	109	.942
APS Dysthymic Disorder scale	1.927	1	109	.168
APS Manic symptoms scale	2.944	1	109	.089
APS Schizophrenia symptoms scale	3.073	1	109	.082
WISC-III / SPM Estimated FSIQ	.322	1	109	.572
BaRON EQi:YV Total score (EQ)	.030	1	109	.862
BaRON EQi:YV Interpersonal	.070	1	109	.792
BaRON EQi:YV Intrapersonal	.661	1	109	.418
BaRON EQi:YV Stress management	.398	1	109	.530
BaRON EQi:YV Adaptability	.456	1	109	.501
BaRON EQi:YV General Mood	.796	1	109	.374
JEPQ-RS Extraversion	4.427	1	109	.038
JEPQ-RS Neuroticism	.032	1	109	.859
JEPQ-RS Psychoticism	3.529	1	109	.063

Tests of Between-Subjects Effects

Source	Dependent Variable	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power[b]
Corrected Model	Highest grade completed at school	119.007[a]	2	59.503	117.628	.000	.685	235.256	1.000
	Number of criminal convictions	13676.616[c]	2	6838.308	16.837	.000	.238	33.674	1.000
	APS Internalising factor	1263.725[d]	2	631.862	3.922	.023	.068	7.844	.696
	APS Externalising factor	9172.045[e]	2	4586.022	35.090	.000	.394	70.179	1.000
	APS ADHD scale	2716.576[f]	2	1358.288	12.247	.000	.185	24.494	.995
	APS Conduct Disorder scale	15782.743[g]	2	7891.372	64.243	.000	.543	128.486	1.000
	APS Adjustment disorder scale	4863.553[h]	2	2431.777	18.919	.000	.259	37.838	1.000
	APS Major Depression scale	1135.440[i]	2	567.720	4.117	.019	.071	8.234	.718
	APS Substance Abuse scale	11296.796[j]	2	5648.398	30.013	.000	.357	60.025	1.000
	APS Panic disorder scale	1075.823[k]	2	537.911	3.426	.036	.060	6.852	.632
	APS Obsessive Compulsive Disorder scale	680.488[l]	2	340.244	2.229	.113	.040	4.458	.446
	APS Generalised Anxiety Disorder scale	473.322[m]	2	236.661	1.816	.168	.033	3.631	.372
	APS Separation Anxiety disorder scale	2499.451[n]	2	1249.725	7.357	.001	.120	14.714	.933
	APS Post-Traumatic Stress Disorder scale	1717.073[o]	2	858.537	5.558	.005	.093	11.116	.846
	APS Dysthymic Disorder scale	1102.846[p]	2	551.423	3.979	.022	.069	7.958	.702
	APS Manic symptoms scale	1107.944[q]	2	553.972	4.497	.013	.077	8.995	.758
	APS Schizophrenia symptoms scale	1010.167[r]	2	505.083	3.280	.041	.057	6.560	.612
	WISC-III / SPM Estimated FSIQ	13321.918[s]	2	6660.959	30.937	.000	.364	61.875	1.000

	BaRON EQi:YV Total score (EQ)	4240.908[t]	2	2120.454	9.166	.000	.145	18.332	.973
	BaRON EQi:YV Interpersonal	995.616[u]	2	497.808	1.995	.141	.036	3.990	.404
	BaRON EQi:YV Intrapersonal	2035.005[v]	2	1017.503	5.024	.008	.085	10.047	.806
	BaRON EQi:YV Stress management	5201.413[w]	2	2600.707	10.088	.000	.157	20.175	.984
	BaRON EQi:YV Adaptability	1378.142[x]	2	689.071	2.549	.083	.045	5.097	.500
	BaRON EQi:YV General Mood	1637.098[y]	2	818.549	2.929	.058	.051	5.858	.561
	JEPQ-RS Extraversion	63.257[z]	2	31.628	3.497	.034	.061	6.995	.642
	JEPQ-RS Neuroticism	19.317[aa]	2	9.659	.729	.485	.013	1.458	.171
	JEPQ-RS Psychoticism	47.413[ab]	2	23.706	4.273	.016	.073	8.546	.735
Intercept	Highest grade completed at school	15.940	1	15.940	31.510	.000	.226	31.510	1.000
	Number of criminal convictions	94.690	1	94.690	.233	.630	.002	.233	.077
	APS Internalising factor	204.027	1	204.027	1.266	.263	.012	1.266	.200
	APS Externalising factor	650.743	1	650.743	4.979	.028	.044	4.979	.599
	APS ADHD scale	373.304	1	373.304	3.366	.069	.030	3.366	.444
	APS Conduct Disorder scale	1418.075	1	1418.075	11.544	.001	.097	11.544	.920
	APS Adjustment disorder scale	702.220	1	702.220	5.463	.021	.048	5.463	.639
	APS Major Depression scale	153.981	1	153.981	1.117	.293	.010	1.117	.182
	APS Substance Abuse scale	1269.946	1	1269.946	6.748	.011	.059	6.748	.731
	APS Panic disorder scale	202.298	1	202.298	1.288	.259	.012	1.288	.203
	APS Obsessive Compulsive Disorder scale	770.719	1	770.719	5.050	.027	.045	5.050	.605
	APS Generalised Anxiety Disorder scale	573.795	1	573.795	4.402	.038	.039	4.402	.548
	APS Separation Anxiety disorder scale	748.971	1	748.971	4.409	.038	.039	4.409	.548

	APS Post-Traumatic Stress Disorder scale	277.997	1	277.997	1.800	.183	.016	1.800	.265
	APS Dysthymic Disorder scale	194.430	1	194.430	1.403	.239	.013	1.403	.217
	APS Manic symptoms scale	435.666	1	435.666	3.537	.063	.032	3.537	.462
	APS Schizophrenia symptoms scale	578.485	1	578.485	3.757	.055	.034	3.757	.485
	WISC-III / SPM Estimated FSIQ	13127.397	1	13127.397	60.971	.000	.361	60.971	1.000
	BaRON EQi:YV Total score (EQ)	15155.158	1	15155.158	65.509	.000	.378	65.509	1.000
	BaRON EQi:YV Interpersonal	10742.146	1	10742.146	43.049	.000	.285	43.049	1.000
	BaRON EQi:YV Intrapersonal	14769.905	1	14769.905	72.923	.000	.403	72.923	1.000
	BaRON EQi:YV Stress management	12145.423	1	12145.423	47.109	.000	.304	47.109	1.000
	BaRON EQi:YV Adaptability	11256.740	1	11256.740	41.634	.000	.278	41.634	1.000
	BaRON EQi:YV General Mood	12391.726	1	12391.726	44.338	.000	.291	44.338	1.000
	JEPQ-RS Extraversion	157.744	1	157.744	17.443	.000	.139	17.443	.985
	JEPQ-RS Neuroticism	3.204	1	3.204	.242	.624	.002	.242	.078
	JEPQ-RS Psychoticism	.464	1	.464	.084	.773	.001	.084	.059
Age	Highest grade completed at school	110.053	1	110.053	217.555	.000	.668	217.555	1.000
	Number of criminal convictions	388.943	1	388.943	.958	.330	.009	.958	.163
	APS Internalising factor	890.657	1	890.657	5.529	.021	.049	5.529	.644
	APS Externalising factor	590.776	1	590.776	4.520	.036	.040	4.520	.559
	APS ADHD scale	690.755	1	690.755	6.228	.014	.055	6.228	.696
	APS Conduct Disorder scale	201.033	1	201.033	1.637	.204	.015	1.637	.245
	APS Adjustment disorder scale	449.574	1	449.574	3.498	.064	.031	3.498	.458
	APS Major Depression scale	945.970	1	945.970	6.860	.010	.060	6.860	.738

	APS Substance Abuse scale	222.707	1	222.707	1.183	.279	.011	1.183	.190
	APS Panic disorder scale	854.698	1	854.698	5.444	.021	.048	5.444	.638
	APS Obsessive Compulsive Disorder scale	265.827	1	265.827	1.742	.190	.016	1.742	.258
	APS Generalised Anxiety Disorder scale	359.564	1	359.564	2.759	.100	.025	2.759	.377
	APS Separation Anxiety disorder scale	342.376	1	342.376	2.015	.159	.018	2.015	.291
	APS Post-Traumatic Stress Disorder scale	803.545	1	803.545	5.202	.025	.046	5.202	.618
	APS Dysthymic Disorder scale	903.222	1	903.222	6.518	.012	.057	6.518	.716
	APS Manic symptoms scale	491.754	1	491.754	3.992	.048	.036	3.992	.508
	APS Schizophrenia symptoms scale	402.088	1	402.088	2.611	.109	.024	2.611	.360
	WISC-III / SPM Estimated FSIQ	1774.341	1	1774.341	8.241	.005	.071	8.241	.812
	BaRON EQi:YV Total score (EQ)	2534.262	1	2534.262	10.954	.001	.092	10.954	.907
	BaRON EQi:YV Interpersonal	957.623	1	957.623	3.838	.053	.034	3.838	.493
	BaRON EQi:YV Intrapersonal	1930.874	1	1930.874	9.533	.003	.081	9.533	.864
	BaRON EQi:YV Stress management	1277.026	1	1277.026	4.953	.028	.044	4.953	.597
	BaRON EQi:YV Adaptability	979.317	1	979.317	3.622	.060	.032	3.622	.471
	BaRON EQi:YV General Mood	1528.564	1	1528.564	5.469	.021	.048	5.469	.640
	JEPQ-RS Extraversion	34.286	1	34.286	3.791	.054	.034	3.791	.488
	JEPQ-RS Neuroticism	9.583	1	9.583	.723	.397	.007	.723	.135
	JEPQ-RS Psychoticism	4.275	1	4.275	.771	.382	.007	.771	.140
Group	Highest grade completed at school	2.726	1	2.726	5.389	.022	.048	5.389	.633
	Number of criminal convictions	9325.839	1	9325.839	22.961	.000	.175	22.961	.997

	APS Internalising factor	26.242	1	26.242	.163	.687	.002	.163	.069
	APS Externalising factor	5488.143	1	5488.143	41.992	.000	.280	41.992	1.000
	APS ADHD scale	897.846	1	897.846	8.096	.005	.070	8.096	.805
	APS Conduct Disorder scale	11570.370	1	11570.370	94.193	.000	.466	94.193	1.000
	APS Adjustment disorder scale	2658.451	1	2658.451	20.682	.000	.161	20.682	.995
	APS Major Depression scale	.092	1	.092	.001	.979	.000	.001	.050
	APS Substance Abuse scale	8000.251	1	8000.251	42.509	.000	.282	42.509	1.000
	APS Panic disorder scale	1.785	1	1.785	.011	.915	.000	.011	.051
	APS Obsessive Compulsive Disorder scale	137.298	1	137.298	.900	.345	.008	.900	.156
	APS Generalised Anxiety Disorder scale	3.220	1	3.220	.025	.875	.000	.025	.053
	APS Separation Anxiety disorder scale	1190.944	1	1190.944	7.011	.009	.061	7.011	.747
	APS Post-Traumatic Stress Disorder scale	245.358	1	245.358	1.588	.210	.014	1.588	.239
	APS Dysthymic Disorder scale	.103	1	.103	.001	.978	.000	.001	.050
	APS Manic symptoms scale	177.562	1	177.562	1.442	.233	.013	1.442	.221
	APS Schizophrenia symptoms scale	197.712	1	197.712	1.284	.260	.012	1.284	.202
	WISC-III / SPM Estimated FSIQ	6421.473	1	6421.473	29.825	.000	.216	29.825	1.000
	BaRON EQi:YV Total score (EQ)	274.818	1	274.818	1.188	.278	.011	1.188	.191
	BaRON EQi:YV Interpersonal	53.164	1	53.164	.213	.645	.002	.213	.074
	BaRON EQi:YV Intrapersonal	81.605	1	81.605	.403	.527	.004	.403	.096
	BaRON EQi:YV Stress management	1768.778	1	1768.778	6.861	.010	.060	6.861	.738
	BaRON EQi:YV Adaptability	26.157	1	26.157	.097	.756	.001	.097	.061
	BaRON EQi:YV General Mood	46.522	1	46.522	.166	.684	.002	.166	.069

	JEPQ-RS Extraversion	53.770	1	53.770	5.946	.016	.052	5.946	.676
	JEPQ-RS Neuroticism	2.391	1	2.391	.180	.672	.002	.180	.071
	JEPQ-RS Psychoticism	26.102	1	26.102	4.705	.032	.042	4.705	.575
Error	Highest grade completed at school	54.633	108	.506					
	Number of criminal convictions	43864.411	108	406.152					
	APS Internalising factor	17399.086	108	161.103					
	APS Externalising factor	14114.982	108	130.694					
	APS ADHD scale	11977.820	108	110.906					
	APS Conduct Disorder scale	13266.338	108	122.836					
	APS Adjustment disorder scale	13881.924	108	128.536					
	APS Major Depression scale	14893.334	108	137.901					
	APS Substance Abuse scale	20325.600	108	188.200					
	APS Panic disorder scale	16956.736	108	157.007					
	APS Obsessive Compulsive Disorder scale	16483.909	108	152.629					
	APS Generalised Anxiety Disorder scale	14077.075	108	130.343					
	APS Separation Anxiety disorder scale	18346.243	108	169.873					
	APS Post-Traumatic Stress Disorder scale	16681.954	108	154.463					
	APS Dysthymic Disorder scale	14966.343	108	138.577					
	APS Manic symptoms scale	13302.723	108	123.173					
	APS Schizophrenia symptoms scale	16629.797	108	153.980					
	WISC-III / SPM Estimated FSIQ	23252.856	108	215.304					

	BaRON EQi:YV Total score (EQ)	24985.200	108	231.344					
	BaRON EQi:YV Interpersonal	26949.411	108	249.532					
	BaRON EQi:YV Intrapersonal	21874.418	108	202.541					
	BaRON EQi:YV Stress management	27843.884	108	257.814					
	BaRON EQi:YV Adaptability	29200.633	108	270.376					
	BaRON EQi:YV General Mood	30184.470	108	279.486					
	JEPQ-RS Extraversion	976.707	108	9.044					
	JEPQ-RS Neuroticism	1431.079	108	13.251					
	JEPQ-RS Psychoticism	599.146	108	5.548					
Total	Highest grade completed at school	6930.000	111						
	Number of criminal convictions	62690.000	111						
	APS Internalising factor	333011.000	111						
	APS Externalising factor	381536.000	111						
	APS ADHD scale	336537.000	111						
	APS Conduct Disorder scale	400368.000	111						
	APS Adjustment disorder scale	360043.000	111						
	APS Major Depression scale	319510.000	111						
	APS Substance Abuse scale	394545.000	111						
	APS Panic disorder scale	325185.000	111						
	APS Obsessive Compulsive Disorder scale	330768.000	111						
	APS Generalised Anxiety Disorder scale	316778.000	111						

	APS Separation Anxiety disorder scale	346252.000	111
	APS Post-Traumatic Stress Disorder scale	339811.000	111
	APS Dysthymic Disorder scale	331376.000	111
	APS Manic symptoms scale	310719.000	111
	APS Schizophrenia symptoms scale	329227.000	111
	WISC-III / SPM Estimated FSIQ	1023396.000	111
	BaRON EQi:YV Total score (EQ)	961018.000	111
	BaRON EQi:YV Interpersonal	923269.000	111
	BaRON EQi:YV Intrapersonal	1048422.000	111
	BaRON EQi:YV Stress management	1027424.000	111
	BaRON EQi:YV Adaptability	991548.000	111
	BaRON EQi:YV General Mood	920154.000	111
	JEPQ-RS Extraversion	8176.000	111
	JEPQ-RS Neuroticism	5245.000	111
	JEPQ-RS Psychoticism	1688.000	111
Corrected Total	Highest grade completed at school	173.640	110
	Number of criminal convictions	57541.027	110
	APS Internalising factor	18662.811	110
	APS Externalising factor	23287.027	110
	APS ADHD scale	14694.396	110

	APS Conduct Disorder scale	29049.081	110						
	APS Adjustment disorder scale	18745.477	110						
	APS Major Depression scale	16028.775	110						
	APS Substance Abuse scale	31622.396	110						
	APS Panic disorder scale	18032.559	110						
	APS Obsessive Compulsive Disorder scale	17164.396	110						
	APS Generalised Anxiety Disorder scale	14550.396	110						
	APS Separation Anxiety disorder scale	20845.694	110						
	APS Post-Traumatic Stress Disorder scale	18399.027	110						
	APS Dysthymic Disorder scale	16069.189	110						
	APS Manic symptoms scale	14410.667	110						
	APS Schizophrenia symptoms scale	17639.964	110						
	WISC-III / SPM Estimated FSIQ	36574.775	110						
	BaRON EQi:YV Total score (EQ)	29226.108	110						
	BaRON EQi:YV Interpersonal	27945.027	110						
	BaRON EQi:YV Intrapersonal	23909.423	110						
	BaRON EQi:YV Stress management	33045.297	110						
	BaRON EQi:YV Adaptability	30578.775	110						
	BaRON EQi:YV General Mood	31821.568	110						
	JEPQ-RS Extraversion	1039.964	110						

	JEPQ-RS Neuroticism	1450.396	110					
	JEPQ-RS Psychoticism	646.559	110					

a. R Squared = .685 (Adjusted R Squared = .680)
b. Computed using alpha = .05
c. R Squared = .238 (Adjusted R Squared = .224)
d. R Squared = .068 (Adjusted R Squared = .050)
e. R Squared = .394 (Adjusted R Squared = .383)
f. R Squared = .185 (Adjusted R Squared = .170)
g. R Squared = .543 (Adjusted R Squared = .535)
h. R Squared = .259 (Adjusted R Squared = .246)
i. R Squared = .071 (Adjusted R Squared = .054)
j. R Squared = .357 (Adjusted R Squared = .345)
k. R Squared = .060 (Adjusted R Squared = .042)
l. R Squared = .040 (Adjusted R Squared = .022)
m. R Squared = .033 (Adjusted R Squared = .015)
n. R Squared = .120 (Adjusted R Squared = .104)
o. R Squared = .093 (Adjusted R Squared = .077)
p. R Squared = .069 (Adjusted R Squared = .051)
q. R Squared = .077 (Adjusted R Squared = .060)
r. R Squared = .057 (Adjusted R Squared = .040)
s. R Squared = .364 (Adjusted R Squared = .352)
t. R Squared = .145 (Adjusted R Squared = .129)
u. R Squared = .036 (Adjusted R Squared = .018)
v. R Squared = .085 (Adjusted R Squared = .068)
w. R Squared = .157 (Adjusted R Squared = .142)
x. R Squared = .045 (Adjusted R Squared = .027)
y. R Squared = .051 (Adjusted R Squared = .034)
z. R Squared = .061 (Adjusted R Squared = .043)
aa. R Squared = .013 (Adjusted R Squared = -.005)
ab. R Squared = .073 (Adjusted R Squared = .056)

APPENDIX O

Whole sample Regressions SPSS output

Logistic Regression

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	93	64.1
	Missing Cases	52	35.9
	Total	145	100.0
Unselected Cases		0	.0
Total		145	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Not present	0
Present	1

Categorical Variables Codings

			Parameter coding				
		Frequency	(1)	(2)	(3)	(4)	(5)
Child's living arrangements	Homeless	1	1.000	.000	.000	.000	.000
	Other	7	.000	1.000	.000	.000	.000
	Other family	3	.000	.000	1.000	.000	.000
	One biological parent/One step parent	14	.000	.000	.000	1.000	.000
	One biological parent	18	.000	.000	.000	.000	1.000
	Both Biological Parents	50	.000	.000	.000	.000	.000
Family income bracket	10000-19999	4	1.000	.000	.000	.000	
	20000-29999	4	.000	1.000	.000	.000	
	30000-39999	12	.000	.000	1.000	.000	
	40000-49999	11	.000	.000	.000	1.000	
	50000+	62	.000	.000	.000	.000	
Gender	Male	54	1.000				
	Female	39	.000				
Enjoyment of school	yes	63	1.000				
	no	30	.000				
Presence of significant adult figure	yes	81	1.000				
	no	12	.000				
Parental mental health problems	yes	12	1.000				
	no	81	.000				
Criminal convictions	yes	23	1.000				
	no	70	.000				
Parental alcohol abuse	yes	83	1.000				
	no	10	.000				
Cigarette use	yes	41	1.000				

	no	52	.000				
Alcohol use	yes	74	1.000				
	no	19	.000				
Use drugs	yes	33	1.000				
	no	60	.000				
Parental criminal history	yes	26	1.000				
	no	67	.000				
Parental drug abuse	yes	25	1.000				
	no	68	.000				

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	58.993	-1.656
	2	54.726	-2.208
	3	54.542	-2.354
	4	54.542	-2.363
	5	54.542	-2.363

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 54.542

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: ADHD score of 70+ Not present	Predicted: ADHD score of 70+ Present	Percentage Correct
Step 0	ADHD score of 70+	Not present	85	0	100.0
		Present	8	0	.0
	Overall Percentage				91.4

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.363	.370	40.835	1	.000	.094

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.095	1	.758
		Income	2.061	4	.725
		Income(1)	.393	1	.531
		Income(2)	.393	1	.531
		Income(3)	.001	1	.972
		Income(4)	1.456	1	.228
		WISCSPM	3.487	1	.062
		Interpersonal	.045	1	.833
		Intrapersonal	.126	1	.723
		stress_management	5.225	1	.022
		adaptability	8.103	1	.004
		general_mood	4.854	1	.028
		extraversion	1.282	1	.258

	neuroticism	7.221	1	.007
	psychoticism	2.291	1	.130
	Gender(1)	1.031	1	.310
	Enjoy_School(1)	7.318	1	.007
	Living_Arrang	7.733	5	.172
	Living_Arrang(1)	.095	1	.758
	Living_Arrang(2)	3.839	1	.050
	Living_Arrang(3)	2.412	1	.120
	Living_Arrang(4)	.045	1	.833
	Living_Arrang(5)	2.101	1	.147
	Sig_Adult_Fig(1)	1.140	1	.286
	Parent_MH(1)	.001	1	.972
	Parent_Drug(1)	2.380	1	.123
	Parent_Alcohol(1)	.028	1	.867
	Parent_Crime(1)	.038	1	.845
	Drug_Use(1)	2.791	1	.095
	Alcohol(1)	2.247	1	.134
	Cigarettes(1)	1.204	1	.273
	Crime_Convictions(1)	3.002	1	.083
Overall Statistics		36.805	30	.183

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients			
			Constant	adaptability	neuroticism	Gender(1)
Step 1	1	55.255	.262	-.020		
	2	47.182	2.157	-.047		
	3	45.276	4.138	-.072		
	4	45.066	5.006	-.084		
	5	45.062	5.131	-.085		
	6	45.062	5.134	-.086		
	7	45.062	5.134	-.086		
Step 2	1	53.400	-.493	-.016	.067	
	2	43.805	.265	-.037	.149	
	3	41.149	1.004	-.056	.230	
	4	40.736	1.237	-.065	.280	
	5	40.721	1.243	-.067	.293	
	6	40.721	1.241	-.067	.294	
	7	40.721	1.241	-.067	.294	
Step 3	1	51.965	-.748	-.017	.079	.426
	2	40.751	-.398	-.039	.181	1.006

3	36.886	-.042	-.060	.290	1.585
4	35.939	.114	-.075	.377	1.959
5	35.846	.134	-.082	.416	2.101
6	35.844	.131	-.082	.421	2.119
7	35.844	.131	-.082	.422	2.119

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 54.542

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001. .

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	9.480	1	.002
	Block	9.480	1	.002
	Model	9.480	1	.002
Step 2	Step	4.341	1	.037
	Block	13.821	2	.001
	Model	13.821	2	.001
Step 3	Step	4.876	1	.027
	Block	18.697	3	.000
	Model	18.697	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	45.062[a]	.097	.218
2	40.721[a]	.138	.311
3	35.844[a]	.182	.410

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	9.085	8	.335
2	10.099	8	.258
3	1.744	8	.988

Classification Table[a]

Observed			Predicted		
			ADHD score of 70+		Percentage Correct
			Not present	Present	
Step 1	ADHD score of 70+	Not present	85	0	100.0
		Present	8	0	.0
	Overall Percentage				91.4
Step 2	ADHD score of 70+	Not present	84	1	98.8
		Present	7	1	12.5
	Overall Percentage				91.4
Step 3	ADHD score of 70+	Not present	85	0	100.0
		Present	7	1	12.5
	Overall Percentage				92.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	adaptability	-.086	.033	6.762	1	.009	.918	.861	.979
	Constant	5.134	2.710	3.589	1	.058	169.629		
Step 2[b]	adaptability	-.067	.032	4.278	1	.039	.935	.878	.997
	neuroticism	.294	.162	3.283	1	.070	1.342	.976	1.845
	Constant	1.241	3.206	.150	1	.699	3.459		
Step 3[c]	adaptability	-.082	.039	4.548	1	.033	.921	.854	.993
	neuroticism	.422	.202	4.354	1	.037	1.524	1.026	2.265
	Gender(1)	2.119	1.071	3.915	1	.048	8.321	1.020	67.868
	Constant	.131	3.586	.001	1	.971	1.140		

a. Variable(s) entered on step 1: adaptability.

b. Variable(s) entered on step 2: neuroticism.

c. Variable(s) entered on step 3: Gender.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	adaptability	-27.271	9.480	1	.002
Step 2	adaptability	-23.173	5.625	1	.018
	neuroticism	-22.531	4.341	1	.037
Step 3	adaptability	-21.145	6.445	1	.011
	neuroticism	-21.233	6.621	1	.010
	Gender	-20.360	4.876	1	.027

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.180	1	.671
		Income	1.739	4	.784
		Income(1)	.308	1	.579
		Income(2)	.656	1	.418
		Income(3)	.338	1	.561
		Income(4)	.596	1	.440
		WISCSPM	1.231	1	.267
		Interpersonal	.549	1	.459
		Intrapersonal	.140	1	.708
		stress_management	2.848	1	.091
		general_mood	.677	1	.411
		extraversion	.377	1	.539
		neuroticism	3.864	1	.049
		psychoticism	1.358	1	.244
		Gender(1)	2.435	1	.119
		Enjoy_School(1)	3.334	1	.068
		Living_Arrang	5.709	5	.336
		Living_Arrang(1)	.013	1	.909
		Living_Arrang(2)	3.333	1	.068
		Living_Arrang(3)	1.076	1	.300
		Living_Arrang(4)	.082	1	.774
		Living_Arrang(5)	1.854	1	.173
		Sig_Adult_Fig(1)	.136	1	.713
		Parent_MH(1)	.041	1	.839
		Parent_Drug(1)	2.576	1	.108
		Parent_Alcohol(1)	.128	1	.720
		Parent_Crime(1)	.001	1	.980
		Drug_Use(1)	1.743	1	.187
		Alcohol(1)	1.316	1	.251
		Cigarettes(1)	.149	1	.699
		Crime_Convictions(1)	1.384	1	.239
	Overall Statistics		29.696	29	.429

Step 2	Variables	Highest_Grade	.170	1	.681
		Income	2.914	4	.572
		Income(1)	.440	1	.507
		Income(2)	.780	1	.377
		Income(3)	1.179	1	.278
		Income(4)	.739	1	.390
		WISCSPM	2.207	1	.137
		Interpersonal	.444	1	.505
		Intrapersonal	1.229	1	.268
		stress_management	1.675	1	.196
		general_mood	.004	1	.953
		extraversion	.012	1	.913
		psychoticism	1.278	1	.258
		Gender(1)	4.495	1	.034
		Enjoy_School(1)	3.378	1	.066
		Living_Arrang	6.923	5	.226
		Living_Arrang(1)	.017	1	.897
		Living_Arrang(2)	4.762	1	.029
		Living_Arrang(3)	.926	1	.336
		Living_Arrang(4)	.146	1	.703
		Living_Arrang(5)	1.950	1	.163
		Sig_Adult_Fig(1)	.003	1	.960
		Parent_MH(1)	.058	1	.810
		Parent_Drug(1)	2.797	1	.094
		Parent_Alcohol(1)	.360	1	.549
		Parent_Crime(1)	.149	1	.699
		Drug_Use(1)	1.901	1	.168
		Alcohol(1)	.818	1	.366
		Cigarettes(1)	.180	1	.671
		Crime_Convictions(1)	1.996	1	.158
	Overall Statistics		25.462	28	.603
Step 3	Variables	Highest_Grade	.028	1	.867
		Income	3.498	4	.478
		Income(1)	1.191	1	.275
		Income(2)	.905	1	.341
		Income(3)	.694	1	.405
		Income(4)	1.026	1	.311
		WISCSPM	.351	1	.554
		Interpersonal	.730	1	.393
		Intrapersonal	1.461	1	.227
		stress_management	.683	1	.409
		general_mood	.000	1	.985
		extraversion	.010	1	.920
		psychoticism	.151	1	.698
		Enjoy_School(1)	2.345	1	.126
		Living_Arrang	5.432	5	.366
		Living_Arrang(1)	.020	1	.888
		Living_Arrang(2)	2.688	1	.101
		Living_Arrang(3)	.056	1	.812
		Living_Arrang(4)	.204	1	.652
		Living_Arrang(5)	3.409	1	.065

Sig_Adult_Fig(1)	.258	1	.612
Parent_MH(1)	.088	1	.767
Parent_Drug(1)	.751	1	.386
Parent_Alcohol(1)	.008	1	.931
Parent_Crime(1)	.049	1	.825
Drug_Use(1)	.004	1	.948
Alcohol(1)	.636	1	.425
Cigarettes(1)	.285	1	.593
Crime_Convictions(1)	.001	1	.979
Overall Statistics	23.518	27	.657

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	112.113	-.839
	2	112.054	-.893
	3	112.054	-.894

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 112.054

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			CD score of 70+		
			Not present	Present	Percentage Correct
Step 0	CD score of 70+	Not present	66	0	100.0
		Present	27	0	.0
	Overall Percentage				71.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-.894	.228	15.308	1	.000	.409

Variables not in the Equation

	Score	df	Sig.

Step 0	Variables	Highest_Grade	8.152	1	.004
		Income	15.671	4	.003
		Income(1)	.892	1	.345
		Income(2)	.892	1	.345
		Income(3)	2.940	1	.086
		Income(4)	7.251	1	.007
		WISCSPM	27.231	1	.000
		Interpersonal	4.619	1	.032
		Intrapersonal	5.117	1	.024
		stress_management	20.762	1	.000
		adaptability	1.766	1	.184
		general_mood	3.719	1	.054
		extraversion	1.153	1	.283
		neuroticism	.661	1	.416
		psychoticism	32.205	1	.000
		Gender(1)	14.846	1	.000
		Enjoy_School(1)	9.450	1	.002
		Living_Arrang	27.775	5	.000
		Living_Arrang(1)	.414	1	.520
		Living_Arrang(2)	11.804	1	.001
		Living_Arrang(3)	7.578	1	.006
		Living_Arrang(4)	.002	1	.967
		Living_Arrang(5)	2.573	1	.109
		Sig_Adult_Fig(1)	5.741	1	.017
		Parent_MH(1)	1.067	1	.302
		Parent_Drug(1)	5.970	1	.015
		Parent_Alcohol(1)	.005	1	.943
		Parent_Crime(1)	5.135	1	.023
		Drug_Use(1)	35.162	1	.000

	Alcohol(1)	6.548	1	.011
	Cigarettes(1)	26.070	1	.000
	Crime_Convictions(1)	49.761	1	.000
Overall Statistics		70.630	30	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f]

Iteration		-2 Log likelihood	Coefficients			
			Constant	Crime_Convictions(1)	psychoticism	Intrapersonal
Step 1	1	66.465	-1.600	3.078		
	2	63.411	-2.086	3.930		
	3	63.324	-2.193	4.089		
	4	63.323	-2.197	4.094		
	5	63.323	-2.197	4.094		
Step 2	1	55.517	-2.267	2.485	.268	
	2	45.997	-3.587	3.389	.493	
	3	44.022	-4.512	4.013	.647	
	4	43.843	-4.895	4.280	.709	
	5	43.841	-4.946	4.316	.717	
	6	43.841	-4.947	4.316	.717	
Step 3	1	52.846	-.355	2.532	.241	-.019
	2	41.535	.194	3.620	.436	-.039
	3	38.745	.727	4.496	.581	-.054
	4	38.416	.966	4.943	.650	-.062
	5	38.409	1.002	5.022	.662	-.063
	6	38.409	1.002	5.024	.662	-.063
	7	38.409	1.002	5.024	.662	-.063

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 112.054

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	48.731	1	.000
	Block	48.731	1	.000
	Model	48.731	1	.000
Step 2	Step	19.483	1	.000
	Block	68.213	2	.000
	Model	68.213	2	.000
Step 3	Step	5.432	1	.020
	Block	73.645	3	.000
	Model	73.645	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	63.323[a]	.408	.582
2	43.841[b]	.520	.742
3	38.409[c]	.547	.781

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	1.310	6	.971
3	12.025	8	.150

Classification Table[a]

Observed			Predicted		
			CD score of 70+		
			Not present	Present	Percentage Correct
Step 1	CD score of 70+	Not present	63	3	95.5
		Present	7	20	74.1
	Overall Percentage				89.2
Step 2	CD score of 70+	Not present	61	5	92.4
		Present	5	22	81.5
	Overall Percentage				89.2
Step 3	CD score of 70+	Not present	63	3	95.5
		Present	5	22	81.5
	Overall Percentage				91.4

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	4.094	.736	30.926	1	.000	60.000	14.173	254.008
	Constant	-2.197	.398	30.415	1	.000	.111		
Step 2[b]	psychoticism	.717	.198	13.063	1	.000	2.049	1.389	3.023
	Crime_Convictions(1)	4.316	.959	20.243	1	.000	74.895	11.426	490.902

	Constant	-4.947	1.083	20.846	1	.000	.007		
Step 3[c]	Intrapersonal	-.063	.030	4.528	1	.033	.939	.885	.995
	psychoticism	.662	.208	10.182	1	.001	1.940	1.291	2.914
	Crime_Convictions(1)	5.024	1.174	18.324	1	.000	152.054	15.238	1517.252
	Constant	1.002	2.760	.132	1	.716	2.725		

a. Variable(s) entered on step 1: Crime_Convictions.

b. Variable(s) entered on step 2: psychoticism.

c. Variable(s) entered on step 3: Intrapersonal.

Correlation Matrix

		Constant	Crime_Convictions(1)	psychoticism	Intrapersonal
Step 1	Constant	1.000	-.541		
	Crime_Convictions(1)	-.541	1.000		
Step 2	Constant	1.000	-.648	-.898	
	psychoticism	-.898	.479	1.000	
	Crime_Convictions(1)	-.648	1.000	.479	
Step 3	Constant	1.000	.276	-.316	-.921
	Intrapersonal	-.921	-.509	-.030	1.000
	psychoticism	-.316	.347	1.000	-.030
	Crime_Convictions(1)	.276	1.000	.347	-.509

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-56.027	48.731	1	.000
Step 2	psychoticism	-31.662	19.483	1	.000
	Crime_Convictions	-38.915	33.989	1	.000
Step 3	Intrapersonal	-21.920	5.432	1	.020
	psychoticism	-26.589	14.769	1	.000
	Crime_Convictions	-37.794	37.180	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	3.306	1	.069
		Income	2.297	4	.681
		Income(1)	.010	1	.922
		Income(2)	.010	1	.922
		Income(3)	.033	1	.855
		Income(4)	1.786	1	.181
		WISCSPM	2.252	1	.133
		Interpersonal	3.614	1	.057
		Intrapersonal	9.639	1	.002
		stress_management	12.421	1	.000
		adaptability	.038	1	.846
		general_mood	2.489	1	.115
		extraversion	1.086	1	.297
		neuroticism	.260	1	.610
		psychoticism	20.781	1	.000
		Gender(1)	1.667	1	.197
		Enjoy_School(1)	4.123	1	.042
		Living_Arrang	14.573	5	.012
		Living_Arrang(1)	6.970	1	.008
		Living_Arrang(2)	.787	1	.375
		Living_Arrang(3)	4.555	1	.033
		Living_Arrang(4)	.200	1	.655
		Living_Arrang(5)	1.792	1	.181
		Sig_Adult_Fig(1)	.176	1	.675
		Parent_MH(1)	.514	1	.473
		Parent_Drug(1)	6.387	1	.011
		Parent_Alcohol(1)	.110	1	.740
		Parent_Crime(1)	.229	1	.632
		Drug_Use(1)	8.768	1	.003
		Alcohol(1)	2.125	1	.145
		Cigarettes(1)	5.026	1	.025
	Overall Statistics		44.278	29	.035

Step 2	Variables	Highest_Grade	4.046	1	.044
		Income	1.612	4	.807
		Income(1)	.023	1	.880
		Income(2)	.058	1	.809
		Income(3)	.302	1	.583
		Income(4)	1.147	1	.284
		WISCSPM	1.091	1	.296
		Interpersonal	1.049	1	.306
		Intrapersonal	5.118	1	.024
		stress_management	2.591	1	.107
		adaptability	.652	1	.419
		general_mood	1.299	1	.254
		extraversion	2.768	1	.096
		neuroticism	.079	1	.779
		Gender(1)	.914	1	.339
		Enjoy_School(1)	2.014	1	.156
		Living_Arrang	4.079	5	.538
		Living_Arrang(1)	1.276	1	.259
		Living_Arrang(2)	.150	1	.698
		Living_Arrang(3)	2.014	1	.156
		Living_Arrang(4)	.034	1	.854
		Living_Arrang(5)	.455	1	.500
		Sig_Adult_Fig(1)	.194	1	.660
		Parent_MH(1)	1.619	1	.203
		Parent_Drug(1)	1.990	1	.158
		Parent_Alcohol(1)	.393	1	.531
		Parent_Crime(1)	.011	1	.915
		Drug_Use(1)	1.253	1	.263
		Alcohol(1)	.323	1	.570
		Cigarettes(1)	1.349	1	.245
	Overall Statistics		43.886	28	.029
Step 3	Variables	Highest_Grade	3.614	1	.057
		Income	.335	4	.987
		Income(1)	.128	1	.720
		Income(2)	.147	1	.702
		Income(3)	.054	1	.816
		Income(4)	.035	1	.851
		WISCSPM	1.508	1	.219
		Interpersonal	.487	1	.485
		stress_management	1.280	1	.258
		adaptability	2.119	1	.146
		general_mood	.000	1	.998
		extraversion	1.318	1	.251
		neuroticism	.820	1	.365
		Gender(1)	1.848	1	.174
		Enjoy_School(1)	.436	1	.509
		Living_Arrang	2.628	5	.757
		Living_Arrang(1)	.494	1	.482
		Living_Arrang(2)	.008	1	.930
		Living_Arrang(3)	2.190	1	.139
		Living_Arrang(4)	.003	1	.955

	Living_Arrang(5)	.038	1	.845
	Sig_Adult_Fig(1)	.659	1	.417
	Parent_MH(1)	.280	1	.597
	Parent_Drug(1)	.729	1	.393
	Parent_Alcohol(1)	.034	1	.853
	Parent_Crime(1)	.126	1	.723
	Drug_Use(1)	1.275	1	.259
	Alcohol(1)	.127	1	.722
	Cigarettes(1)	.737	1	.391
Overall Statistics		39.251	27	.060

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	99.659	-1.097
	2	99.354	-1.228
	3	99.354	-1.232
	4	99.354	-1.232

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 99.354

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Adjustment Disorder score of 70+		Percentage Correct
			Not present	Present	
Step 0	Adjustment Disorder score of 70+	Not present	72	0	100.0
		Present	21	0	.0
	Overall Percentage				77.4

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.232	.248	24.683	1	.000	.292

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	1.553	1	.213
		Income	8.689	4	.069
		Income(1)	.014	1	.906
		Income(2)	.014	1	.906
		Income(3)	5.925	1	.015
		Income(4)	1.356	1	.244
		WISCSPM	9.477	1	.002
		Interpersonal	.316	1	.574
		Intrapersonal	11.567	1	.001
		stress_management	18.652	1	.000
		adaptability	.369	1	.544
		general_mood	8.378	1	.004
		extraversion	.068	1	.794
		neuroticism	14.692	1	.000
		psychoticism	13.545	1	.000
		Gender(1)	3.660	1	.056
		Enjoy_School(1)	5.026	1	.025
		Living_Arrang	8.364	5	.137
		Living_Arrang(1)	.295	1	.587
		Living_Arrang(2)	1.780	1	.182
		Living_Arrang(3)	.205	1	.651
		Living_Arrang(4)	.338	1	.561
		Living_Arrang(5)	3.396	1	.065
		Sig_Adult_Fig(1)	5.925	1	.015
		Parent_MH(1)	2.871	1	.090
		Parent_Drug(1)	8.973	1	.003
		Parent_Alcohol(1)	1.014	1	.314
		Parent_Crime(1)	2.990	1	.084
		Drug_Use(1)	29.895	1	.000
		Alcohol(1)	4.096	1	.043
		Cigarettes(1)	19.069	1	.000
		Crime_Convictions(1)	15.308	1	.000
	Overall Statistics		54.406	30	.004

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

			Coefficients		
Iteration		-2 Log likelihood	Constant	Drug_Use(1)	neuroticism
Step 1	1	74.632	-1.800	1.982	

	2	69.784	-2.555	2.737	
	3	69.307	-2.885	3.067	
	4	69.296	-2.943	3.125	
	5	69.296	-2.944	3.127	
	6	69.296	-2.944	3.127	
Step 2	1	65.773	-2.615	1.819	.147
	2	55.701	-4.310	2.696	.273
	3	53.389	-5.585	3.324	.370
	4	53.185	-6.108	3.574	.410
	5	53.182	-6.171	3.603	.414
	6	53.182	-6.172	3.603	.414

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 99.354

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	30.057	1	.000
	Block	30.057	1	.000
	Model	30.057	1	.000
Step 2	Step	16.114	1	.000
	Block	46.171	2	.000
	Model	46.171	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	69.296[a]	.276	.421
2	53.182[a]	.391	.596

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	2.007	8	.981

Contingency Table for Hosmer and Lemeshow Test

		Adjustment Disorder score of 70+ = Not present		Adjustment Disorder score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	57	57.000	3	3.000	6
	2	15	15.000	18	18.000	3
Step 2	1	11	10.969	0	.031	1
	2	10	9.945	0	.055	1

3	10	9.870	0	.130	1
4	9	8.731	0	.269	
5	8	8.400	1	.600	
6	8	7.990	1	1.010	
7	6	6.491	2	1.509	
8	4	4.617	3	2.383	
9	5	3.686	6	7.314	1
10	1	1.301	8	7.699	

Classification Table[a]

			Predicted		
			Adjustment Disorder score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Adjustment Disorder score of 70+	Not present	57	15	79.2
		Present	3	18	85.7
	Overall Percentage				80.6
Step 2	Adjustment Disorder score of 70+	Not present	66	6	91.7
		Present	7	14	66.7
	Overall Percentage				86.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Drug_Use(1)	3.127	.688	20.665	1	.000	22.800	5.922	87.783
	Constant	-2.944	.592	24.709	1	.000	.053		
Step 2[b]	neuroticism	.414	.127	10.587	1	.001	1.513	1.179	1.943
	Drug_Use(1)	3.603	.826	19.012	1	.000	36.713	7.268	185.448
	Constant	-6.172	1.359	20.638	1	.000	.002		

a. Variable(s) entered on step 1: Drug_Use.

b. Variable(s) entered on step 2: neuroticism.

Correlation Matrix

		Constant	Drug_Use(1)	neuroticism
Step 1	Constant	1.000	-.861	
	Drug_Use(1)	-.861	1.000	
Step 2	Constant	1.000	-.714	-.890
	neuroticism	-.890	.418	1.000
	Drug_Use(1)	-.714	1.000	.418

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Drug_Use	-49.677	30.057	1	.000
Step 2	neuroticism	-34.648	16.114	1	.000
	Drug_Use	-41.606	30.030	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.003	1	.959
		Income	3.138	4	.535
		Income(1)	.065	1	.798
		Income(2)	.652	1	.420
		Income(3)	2.354	1	.125
		Income(4)	.159	1	.690
		WISCSPM	1.359	1	.244
		Interpersonal	1.786	1	.181
		Intrapersonal	7.608	1	.006
		stress_management	8.645	1	.003
		adaptability	.017	1	.897
		general_mood	4.753	1	.029
		extraversion	1.407	1	.235
		neuroticism	14.462	1	.000
		psychoticism	1.671	1	.196
		Gender(1)	.003	1	.956
		Enjoy_School(1)	.969	1	.325
		Living_Arrang	2.396	5	.792
		Living_Arrang(1)	1.237	1	.266
		Living_Arrang(2)	.082	1	.774
		Living_Arrang(3)	.039	1	.844
		Living_Arrang(4)	.478	1	.489
		Living_Arrang(5)	.638	1	.425
		Sig_Adult_Fig(1)	.504	1	.478
		Parent_MH(1)	1.382	1	.240
		Parent_Drug(1)	.742	1	.389

		Parent_Alcohol(1)	.303	1	.582
		Parent_Crime(1)	.650	1	.420
		Alcohol(1)	.237	1	.627
		Cigarettes(1)	.486	1	.486
		Crime_Convictions(1)	.424	1	.515
	Overall Statistics		35.163	29	.199
Step 2	Variables	Highest_Grade	.148	1	.700
		Income	8.502	4	.075
		Income(1)	.009	1	.926
		Income(2)	1.660	1	.198
		Income(3)	6.471	1	.011
		Income(4)	.242	1	.623
		WISCSPM	1.323	1	.250
		Interpersonal	.970	1	.325
		Intrapersonal	2.694	1	.101
		stress_management	3.567	1	.059
		adaptability	.620	1	.431
		general_mood	.249	1	.618
		extraversion	.017	1	.897
		psychoticism	3.511	1	.061
		Gender(1)	.799	1	.371
		Enjoy_School(1)	.080	1	.777
		Living_Arrang	2.168	5	.825
		Living_Arrang(1)	1.458	1	.227
		Living_Arrang(2)	.004	1	.952
		Living_Arrang(3)	.001	1	.980
		Living_Arrang(4)	.035	1	.851
		Living_Arrang(5)	.807	1	.369
		Sig_Adult_Fig(1)	.864	1	.353
		Parent_MH(1)	1.404	1	.236
		Parent_Drug(1)	.903	1	.342
		Parent_Alcohol(1)	.038	1	.845
		Parent_Crime(1)	1.845	1	.174
		Alcohol(1)	.041	1	.839
		Cigarettes(1)	.630	1	.427
		Crime_Convictions(1)	1.043	1	.307
	Overall Statistics		24.452	28	.657

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	66.556	-1.570
	2	63.563	-2.024
	3	63.484	-2.113
	4	63.484	-2.116
	5	63.484	-2.116

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 63.484

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

			Predicted		
			MD score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 0	MD score of 70+	Not present	83	0	100.0
		Present	10	0	.0
	Overall Percentage				89.2

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.116	.335	39.970	1	.000	.120

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.012	1	.913
		Income	1.452	4	.835
		Income(1)	.504	1	.478
		Income(2)	.504	1	.478
		Income(3)	.502	1	.479
		Income(4)	.036	1	.850
		WISCSPM	2.153	1	.142
		Interpersonal	.025	1	.874
		Intrapersonal	7.059	1	.008
		stress_management	11.441	1	.001
		adaptability	2.950	1	.086
		general_mood	22.931	1	.000
		extraversion	9.968	1	.002

	neuroticism	16.743	1	.000
	psychoticism	1.489	1	.222
	Gender(1)	.299	1	.584
	Enjoy_School(1)	7.304	1	.007
	Living_Arrang	4.568	5	.471
	Living_Arrang(1)	.122	1	.727
	Living_Arrang(2)	2.505	1	.114
	Living_Arrang(3)	.373	1	.541
	Living_Arrang(4)	1.986	1	.159
	Living_Arrang(5)	.003	1	.956
	Sig_Adult_Fig(1)	2.914	1	.088
	Parent_MH(1)	.502	1	.479
	Parent_Drug(1)	.981	1	.322
	Parent_Alcohol(1)	1.350	1	.245
	Parent_Crime(1)	.023	1	.879
	Drug_Use(1)	2.942	1	.086
	Alcohol(1)	.750	1	.387
	Cigarettes(1)	3.052	1	.081
	Crime_Convictions(1)	.167	1	.683
Overall Statistics		49.080	30	.015

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f]

Iteration		-2 Log likelihood	Coefficients				
			Constant	general_mood	neuroticism	stress_management	Parent_Alcohol(1)
Step 1	1	54.139	1.828	-.037			
	2	41.564	4.680	-.077			
	3	36.859	7.502	-.116			
	4	35.478	9.743	-.149			
	5	35.281	10.904	-.166			
	6	35.275	11.142	-.169			
	7	35.275	11.150	-.169			
	8	35.275	11.150	-.169			
Step 2	1	52.695	.594	-.028	.071		
	2	38.922	1.868	-.056	.156		
	3	33.096	2.895	-.085	.260		
	4	30.863	3.718	-.111	.367		
	5	30.353	4.371	-.131	.439		
	6	30.318	4.641	-.138	.461		
	7	30.318	4.667	-.139	.463		
	8	30.318	4.667	-.139	.463		
Step 3	1	52.087	1.258	-.026	.057	-.008	
	2	37.001	3.619	-.052	.127	-.022	
	3	29.461	5.863	-.077	.237	-.039	
	4	25.658	7.767	-.103	.392	-.057	

	5	24.350	9.422	-.128	.540	-.074	
	6	24.172	10.313	-.141	.616	-.083	
	7	24.168	10.479	-.144	.629	-.085	
	8	24.168	10.483	-.144	.630	-.085	
	9	24.168	10.483	-.144	.630	-.085	
Step 4	1	51.806	1.022	-.026	.053	-.008	.289
	2	36.182	2.974	-.052	.119	-.022	.837
	3	27.664	4.388	-.077	.226	-.042	1.879
	4	22.460	5.306	-.107	.394	-.065	3.510
	5	20.009	6.529	-.145	.584	-.092	5.289
	6	19.367	7.503	-.175	.722	-.113	6.857
	7	19.296	7.359	-.187	.773	-.122	8.080
	8	19.288	6.457	-.189	.779	-.123	9.110
	9	19.286	5.456	-.189	.779	-.123	10.112
	10	19.285	4.456	-.189	.779	-.123	11.113
	11	19.284	3.455	-.189	.779	-.123	12.113
	12	19.284	2.455	-.189	.779	-.123	13.113
	13	19.284	1.455	-.189	.779	-.123	14.113
	14	19.284	.455	-.189	.779	-.123	15.113
	15	19.284	-.545	-.189	.779	-.123	16.113
	16	19.284	-1.545	-.189	.779	-.123	17.113
	17	19.284	-2.545	-.189	.779	-.123	18.113
	18	19.284	-3.545	-.189	.779	-.123	19.113
	19	19.284	-4.545	-.189	.779	-.123	20.113
	20	19.284	-5.545	-.189	.779	-.123	21.113

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 63.484

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	28.209	1	.000
	Block	28.209	1	.000
	Model	28.209	1	.000
Step 2	Step	4.957	1	.026
	Block	33.166	2	.000
	Model	33.166	2	.000
Step 3	Step	6.150	1	.013
	Block	39.317	3	.000
	Model	39.317	3	.000
Step 4	Step	4.883	1	.027
	Block	44.200	4	.000
	Model	44.200	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	35.275[a]	.262	.529
2	30.318[a]	.300	.606
3	24.168[b]	.345	.697
4	19.284[c]	.378	.765

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3.000	8	.934
2	3.608	8	.891
3	2.819	8	.945
4	4.303	8	.829

Contingency Table for Hosmer and Lemeshow Test

		MD score of 70+ = Not present		MD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	10	9.998	0	.002	10
	2	9	8.996	0	.004	9
	3	10	9.987	0	.013	10
	4	10	9.964	0	.036	10
	5	9	8.936	0	.064	9
	6	9	8.870	0	.130	9

	7	9	9.655	1	.345	10
	8	9	7.864	0	1.136	9
	9	2	2.227	1	.773	3
	10	6	6.504	8	7.496	14
Step 2	1	9	9.000	0	.000	9
	2	10	9.999	0	.001	10
	3	9	8.997	0	.003	9
	4	9	8.992	0	.008	9
	5	9	8.985	0	.015	9
	6	9	8.962	0	.038	9
	7	10	9.824	0	.176	10
	8	7	8.228	2	.772	9
	9	8	6.580	1	2.420	9
	10	3	3.434	7	6.566	10
Step 3	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	8.998	0	.002	9
	6	9	8.991	0	.009	9
	7	9	8.931	0	.069	9
	8	9	8.659	0	.341	9
	9	6	7.533	3	1.467	9
	10	5	3.890	7	8.110	12
Step 4	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	8.999	0	.001	9
	7	9	8.987	0	.013	9
	8	9	8.857	0	.143	9
	9	6	7.788	3	1.212	9
	10	5	3.370	7	8.630	12

Classification Table[a]

Observed			Predicted		
			MD score of 70+		
			Not present	Present	Percentage Correct
Step 1	MD score of 70+	Not present	77	6	92.8
		Present	2	8	80.0
	Overall Percentage				91.4
Step 2	MD score of 70+	Not present	80	3	96.4
		Present	3	7	70.0
	Overall Percentage				93.5
Step 3	MD score of 70+	Not present	81	2	97.6
		Present	3	7	70.0
	Overall Percentage				94.6
Step 4	MD score of 70+	Not present	80	3	96.4
		Present	3	7	70.0
	Overall Percentage				93.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	general_mood	-.169	.052	10.709	1	.001	.844	.763	.934
	Constant	11.150	3.662	9.271	1	.002	69556.265		
Step 2[b]	general_mood	-.139	.059	5.626	1	.018	.870	.776	.976
	neuroticism	.463	.253	3.337	1	.068	1.589	.967	2.611
	Constant	4.667	5.111	.834	1	.361	106.421		
Step 3[c]	stress_management	-.085	.041	4.249	1	.039	.918	.847	.996
	general_mood	-.144	.061	5.511	1	.019	.866	.768	.977
	neuroticism	.630	.315	4.004	1	.045	1.877	1.013	3.478
	Constant	10.483	6.169	2.888	1	.089	35704.073		
Step 4[d]	stress_management	-.123	.056	4.826	1	.028	.884	.792	.987
	general_mood	-.189	.080	5.539	1	.019	.828	.708	.969
	neuroticism	.779	.369	4.456	1	.035	2.179	1.057	4.491
	Parent_Alcohol(1)	21.113	8673.674	.000	1	.998	1.477E9	.000	.
	Constant	-5.545	8673.676	.000	1	.999	.004		

a. Variable(s) entered on step 1: general_mood.

b. Variable(s) entered on step 2: neuroticism.

c. Variable(s) entered on step 3: stress_management.

d. Variable(s) entered on step 4: Parent_Alcohol.

Correlation Matrix

		Constant	general_mood	neuroticism	Constant	stress_management	general_mood	neuroticism	Parent_Alcohol(1)
Step 1	Constant	1.000	-.993						
	general_mood	-.993	1.000						
Step 2	Constant	1.000	-.870	-.588					
	general_mood	-.870	1.000	.122					

	neuroticism	-.588	.122	1.000					
Step 3	Constant				1.000	-.505	-.830	-.260	
	stress_management				-.505	1.000	.240	-.409	
	general_mood				-.830	.240	1.000	-.024	
	neuroticism				-.260	-.409	-.024	1.000	
Step 4	Constant				1.000	.000	-.001	.000	-1.000
	stress_management				.000	1.000	.497	-.571	.000
	general_mood				-.001	.497	1.000	-.273	.000
	neuroticism				.000	-.571	-.273	1.000	.000
	Parent_Alcohol(1)				-1.000	.000	.000	.000	1.000

Model If Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	general_mood	-31.742	28.209	1	.000
Step 2	general_mood	-20.508	10.697	1	.001
	neuroticism	-17.638	4.957	1	.026
Step 3	stress_management	-15.159	6.150	1	.013
	general_mood	-17.811	11.455	1	.001
	neuroticism	-15.475	6.782	1	.009
Step 4	stress_management	-14.214	9.143	1	.002
	general_mood	-16.853	14.422	1	.000
	neuroticism	-13.806	8.328	1	.004
	Parent_Alcohol	-12.084	4.883	1	.027

Variables not in the Equation[a]

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.003	1	.957
		Income	3.838	4	.428
		Income(1)	1.222	1	.269
		Income(2)	1.215	1	.270
		Income(3)	1.180	1	.277
		Income(4)	.333	1	.564
		WISCSPM	.533	1	.465
		Interpersonal	3.121	1	.077
		Intrapersonal	.030	1	.863
		stress_management	4.135	1	.042
		adaptability	.664	1	.415
		extraversion	.272	1	.602
		neuroticism	4.312	1	.038
		psychoticism	1.534	1	.215
		Gender(1)	.005	1	.944
		Enjoy_School(1)	.631	1	.427
		Living_Arrang	3.762	5	.584
		Living_Arrang(1)	.002	1	.966
		Living_Arrang(2)	.719	1	.396
		Living_Arrang(3)	.030	1	.862
		Living_Arrang(4)	1.810	1	.179
		Living_Arrang(5)	.946	1	.331
		Sig_Adult_Fig(1)	1.309	1	.253
		Parent_MH(1)	.278	1	.598
		Parent_Drug(1)	.096	1	.757
		Parent_Alcohol(1)	1.258	1	.262
		Parent_Crime(1)	.013	1	.908
		Drug_Use(1)	.916	1	.339
		Alcohol(1)	.003	1	.953

		Cigarettes(1)	.593	1	.441
		Crime_Convictions(1)	.031	1	.860
	Overall Statistics		22.712	29	.790
Step 2	Variables	Highest_Grade	.004	1	.951
		Income	2.564	4	.633
		Income(1)	1.368	1	.242
		Income(2)	.614	1	.433
		Income(3)	.670	1	.413
		Income(4)	.017	1	.898
		WISCSPM	2.371	1	.124
		Interpersonal	1.796	1	.180
		Intrapersonal	.060	1	.807
		stress_management	5.465	1	.019
		adaptability	.119	1	.730
		extraversion	.013	1	.908
		psychoticism	2.126	1	.145
		Gender(1)	.312	1	.576
		Enjoy_School(1)	2.378	1	.123
		Living_Arrang	6.639	5	.249
		Living_Arrang(1)	.002	1	.968
		Living_Arrang(2)	3.725	1	.054
		Living_Arrang(3)	.052	1	.820
		Living_Arrang(4)	2.207	1	.137
		Living_Arrang(5)	1.040	1	.308
		Sig_Adult_Fig(1)	.691	1	.406
		Parent_MH(1)	.234	1	.629
		Parent_Drug(1)	.312	1	.577
		Parent_Alcohol(1)	1.371	1	.242
		Parent_Crime(1)	.000	1	.984
		Drug_Use(1)	2.050	1	.152
		Alcohol(1)	.014	1	.904
		Cigarettes(1)	1.782	1	.182
		Crime_Convictions(1)	.342	1	.559
	Overall Statistics		23.659	28	.699
Step 3	Variables	Highest_Grade	.152	1	.697
		Income	6.474	4	.166
		Income(1)	5.835	1	.016
		Income(2)	.110	1	.740
		Income(3)	.400	1	.527
		Income(4)	.053	1	.818
		WISCSPM	.079	1	.779
		Interpersonal	.520	1	.471
		Intrapersonal	.000	1	.994
		adaptability	.009	1	.925
		extraversion	.121	1	.728
		psychoticism	.000	1	.996
		Gender(1)	.006	1	.937
		Enjoy_School(1)	2.172	1	.141
		Living_Arrang	5.686	5	.338
		Living_Arrang(1)	.000	1	.997
		Living_Arrang(2)	1.949	1	.163

		Living_Arrang(3)	.013	1	.909
		Living_Arrang(4)	1.819	1	.177
		Living_Arrang(5)	2.203	1	.138
		Sig_Adult_Fig(1)	2.463	1	.117
		Parent_MH(1)	.004	1	.952
		Parent_Drug(1)	.005	1	.943
		Parent_Alcohol(1)	5.487	1	.019
		Parent_Crime(1)	.042	1	.838
		Drug_Use(1)	.600	1	.439
		Alcohol(1)	.051	1	.821
		Cigarettes(1)	.275	1	.600
		Crime_Convictions(1)	.001	1	.982
	Overall Statistics		18.733	27	.880
Step 4	Variables	Highest_Grade	.027	1	.870
		Income	.880	4	.927
		Income(1)	.012	1	.912
		Income(2)	.065	1	.798
		Income(3)	.191	1	.662
		Income(4)	.520	1	.471
		WISCSPM	.066	1	.797
		Interpersonal	1.082	1	.298
		Intrapersonal	.537	1	.464
		adaptability	.146	1	.703
		extraversion	.029	1	.864
		psychoticism	.810	1	.368
		Gender(1)	.301	1	.583
		Enjoy_School(1)	.739	1	.390
		Living_Arrang	4.533	5	.475
		Living_Arrang(1)	.000	1	.999
		Living_Arrang(2)	1.753	1	.186
		Living_Arrang(3)	.001	1	.971
		Living_Arrang(4)	2.531	1	.112
		Living_Arrang(5)	.700	1	.403
		Sig_Adult_Fig(1)	2.414	1	.120
		Parent_MH(1)	2.027	1	.155
		Parent_Drug(1)	.321	1	.571
		Parent_Crime(1)	.704	1	.401
		Drug_Use(1)	1.828	1	.176
		Alcohol(1)	.033	1	.856
		Cigarettes(1)	.781	1	.377
		Crime_Convictions(1)	.683	1	.409

a. Residual Chi-Squares are not computed because of redundancies.

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	94.662	-1.183
	2	94.174	-1.351
	3	94.173	-1.360
	4	94.173	-1.360

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 94.173

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Substance abuse score of 70+ Not present	Predicted: Substance abuse score of 70+ Present	Percentage Correct
Step 0	Substance abuse score of 70+	Not present	74	0	100.0
		Present	19	0	.0
	Overall Percentage				79.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.360	.257	27.947	1	.000	.257

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.617	1	.432
		Income	7.730	4	.102
		Income(1)	.054	1	.817
		Income(2)	.054	1	.817
		Income(3)	1.411	1	.235
		Income(4)	4.806	1	.028
		WISCSPM	19.386	1	.000
		Interpersonal	.414	1	.520
		Intrapersonal	3.481	1	.062
		stress_management	18.769	1	.000
		adaptability	5.437	1	.020
		general_mood	5.811	1	.016
		extraversion	1.918	1	.166
		neuroticism	3.713	1	.054
		psychoticism	20.976	1	.000
		Gender(1)	13.188	1	.000
		Enjoy_School(1)	14.290	1	.000
		Living_Arrang	20.760	5	.001
		Living_Arrang(1)	.260	1	.610
		Living_Arrang(2)	12.111	1	.001
		Living_Arrang(3)	4.077	1	.043
		Living_Arrang(4)	.672	1	.412
		Living_Arrang(5)	.044	1	.834
		Sig_Adult_Fig(1)	7.411	1	.006
		Parent_MH(1)	1.411	1	.235
		Parent_Drug(1)	11.684	1	.001
		Parent_Alcohol(1)	.001	1	.972
		Parent_Crime(1)	2.373	1	.123
		Drug_Use(1)	36.621	1	.000
		Alcohol(1)	3.379	1	.066
		Cigarettes(1)	24.852	1	.000
		Crime_Convictions(1)	37.705	1	.000
	Overall Statistics		65.424	30	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients				
			Constant	Crime_Convictions(1)	Drug_Use(1)	stress_management	Parent_Drug(1)
Step 1	1	65.885	-1.771	2.380			
	2	60.815	-2.482	3.110			
	3	60.391	-2.763	3.391			
	4	60.385	-2.803	3.431			
	5	60.385	-2.803	3.432			
Step 2	1	58.719	-2.009	1.507	1.277		
	2	49.661	-3.081	1.870	2.142		
	3	47.635	-3.863	2.049	2.815		
	4	47.370	-4.269	2.103	3.188		
	5	47.361	-4.361	2.109	3.276		
	6	47.361	-4.365	2.109	3.281		
	7	47.361	-4.365	2.109	3.281		
Step 3	1	55.479	-.111	1.378	1.089	-.019	
	2	44.010	.585	1.718	1.813	-.037	
	3	40.892	1.065	1.974	2.438	-.052	
	4	40.409	1.148	2.108	2.842	-.058	
	5	40.388	1.110	2.135	2.963	-.060	
	6	40.388	1.105	2.136	2.971	-.060	
	7	40.388	1.105	2.136	2.972	-.060	
Step 4	1	52.996	-.226	1.559	.717	-.019	.716
	2	39.762	.342	2.151	1.157	-.038	1.316

3	35.143	.921	2.754	1.554	-.056	1.925
4	33.892	1.303	3.272	1.891	-.071	2.450
5	33.742	1.438	3.528	2.070	-.077	2.712
6	33.739	1.453	3.571	2.103	-.078	2.756
7	33.739	1.453	3.571	2.104	-.078	2.757

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 94.173

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	33.788	1	.000
	Block	33.788	1	.000
	Model	33.788	1	.000
Step 2	Step	13.023	1	.000
	Block	46.812	2	.000
	Model	46.812	2	.000
Step 3	Step	6.974	1	.008
	Block	53.786	3	.000
	Model	53.786	3	.000
Step 4	Step	6.649	1	.010
	Block	60.435	4	.000
	Model	60.435	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	60.385[a]	.305	.478
2	47.361[b]	.395	.621
3	40.388[b]	.439	.690
4	33.739[b]	.478	.751

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	3.054	2	.217
3	2.185	8	.975
4	1.857	8	.985

Contingency Table for Hosmer and Lemeshow Test

		Substance abuse score of 70+ = Not present		Substance abuse score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	66	66.000	4	4.000	70
	2	8	8.000	15	15.000	23
Step 2	1	57	56.284	0	.716	57
	2	2	2.716	1	.284	3
	3	9	9.716	4	3.284	13
	4	6	5.284	14	14.716	20
Step 3	1	9	8.982	0	.018	9

	2	9	8.970	0	.030	9
	3	9	8.952	0	.048	9
	4	9	8.925	0	.075	9
	5	8	7.898	0	.102	8
	6	9	8.802	0	.198	9
	7	9	8.448	0	.552	9
	8	6	7.192	3	1.808	9
	9	4	4.230	6	5.770	10
	10	2	1.601	10	10.399	12
Step 4	1	9	8.997	0	.003	9
	2	8	7.995	0	.005	8
	3	10	9.987	0	.013	10
	4	9	8.977	0	.023	9
	5	9	8.958	0	.042	9
	6	8	7.906	0	.094	8
	7	9	8.588	0	.412	9
	8	6	7.004	3	1.996	9
	9	4	4.360	5	4.640	9
	10	2	1.227	11	11.773	13

Classification Table[a]

			Predicted		
			Substance abuse score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Substance abuse score of 70+	Not present	66	8	89.2
		Present	4	15	78.9
	Overall Percentage				87.1
Step 2	Substance abuse score of 70+	Not present	68	6	91.9
		Present	5	14	73.7
	Overall Percentage				88.2
Step 3	Substance abuse score of 70+	Not present	68	6	91.9
		Present	6	13	68.4
	Overall Percentage				87.1
Step 4	Substance abuse score of 70+	Not present	70	4	94.6
		Present	4	15	78.9
	Overall Percentage				91.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	3.432	.676	25.784	1	.000	30.937	8.226	116.358
	Constant	-2.803	.515	29.639	1	.000	.061		
Step 2[b]	Drug_Use(1)	3.281	1.125	8.503	1	.004	26.589	2.932	241.163
	Crime_Convictions(1)	2.109	.768	7.530	1	.006	8.237	1.827	37.146
	Constant	-4.365	1.039	17.652	1	.000	.013		
Step 3[c]	stress_management	-.060	.025	5.712	1	.017	.942	.897	.989
	Drug_Use(1)	2.972	1.156	6.612	1	.010	19.522	2.027	188.000
	Crime_Convictions(1)	2.136	.855	6.243	1	.012	8.466	1.585	45.226
	Constant	1.105	2.332	.224	1	.636	3.018		
Step 4[d]	stress_management	-.078	.033	5.594	1	.018	.925	.867	.987
	Parent_Drug(1)	2.757	1.272	4.697	1	.030	15.754	1.302	190.670
	Drug_Use(1)	2.104	1.224	2.955	1	.086	8.196	.745	90.204
	Crime_Convictions(1)	3.571	1.281	7.772	1	.005	35.569	2.888	438.043
	Constant	1.453	2.733	.282	1	.595	4.275		

a. Variable(s) entered on step 1: Crime_Convictions.

b. Variable(s) entered on step 2: Drug_Use.

c. Variable(s) entered on step 3: stress_management.

d. Variable(s) entered on step 4: Parent_Drug.

Correlation Matrix

		Constant	Crime_Convictions(1)	Drug_Use(1)	stress_management	Parent_Drug(1)
Step 1	Constant	1.000	-.762			
	Crime_Convictions(1)	-.762	1.000			
Step 2	Constant	1.000	-.198	-.841		
	Drug_Use(1)	-.841	-.236	1.000		
	Crime_Convictions(1)	-.198	1.000	-.236		
Step 3	Constant	1.000	.069	-.378	-.892	
	stress_management	-.892	-.185	.008	1.000	
	Drug_Use(1)	-.378	-.238	1.000	.008	
	Crime_Convictions(1)	.069	1.000	-.238	-.185	
Step 4	Constant	1.000	.028	-.245	-.862	.026
	stress_management	-.862	-.336	-.051	1.000	-.351
	Parent_Drug(1)	.026	.713	-.129	-.351	1.000
	Drug_Use(1)	-.245	-.204	1.000	-.051	-.129
	Crime_Convictions(1)	.028	1.000	-.204	-.336	.713

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-47.087	33.788	1	.000
Step 2	Drug_Use	-30.192	13.023	1	.000
	Crime_Convictions	-27.823	8.285	1	.004
Step 3	stress_management	-23.681	6.974	1	.008
	Drug_Use	-24.934	9.481	1	.002
	Crime_Convictions	-23.623	6.858	1	.009
Step 4	stress_management	-20.940	8.142	1	.004
	Parent_Drug	-20.194	6.649	1	.010
	Drug_Use	-18.731	3.723	1	.054
	Crime_Convictions	-22.841	11.943	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.679	1	.410
		Income	1.083	4	.897
		Income(1)	.338	1	.561
		Income(2)	.338	1	.561
		Income(3)	.050	1	.823
		Income(4)	.511	1	.475
		WISCSPM	1.022	1	.312
		Interpersonal	.022	1	.882
		Intrapersonal	4.719	1	.030
		stress_management	10.268	1	.001
		adaptability	2.246	1	.134
		general_mood	5.006	1	.025
		extraversion	.045	1	.833
		neuroticism	4.054	1	.044
		psychoticism	8.952	1	.003
		Gender(1)	2.884	1	.089
		Enjoy_School(1)	8.497	1	.004
		Living_Arrang	4.829	5	.437
		Living_Arrang(1)	1.960	1	.161
		Living_Arrang(2)	1.001	1	.317
		Living_Arrang(3)	.872	1	.350
		Living_Arrang(4)	.555	1	.456
		Living_Arrang(5)	.233	1	.630
		Sig_Adult_Fig(1)	.975	1	.324
		Parent_MH(1)	.771	1	.380
		Parent_Drug(1)	12.332	1	.000
		Parent_Alcohol(1)	.136	1	.712
		Parent_Crime(1)	.805	1	.370
		Drug_Use(1)	15.278	1	.000

		Alcohol(1)	.494	1	.482
		Cigarettes(1)	8.442	1	.004
	Overall Statistics		51.597	29	.006
Step 2	Variables	Highest_Grade	.949	1	.330
		Income	3.054	4	.549
		Income(1)	.654	1	.419
		Income(2)	1.011	1	.315
		Income(3)	.501	1	.479
		Income(4)	.846	1	.358
		WISCSPM	1.215	1	.270
		Interpersonal	.001	1	.978
		Intrapersonal	2.074	1	.150
		stress_management	6.936	1	.008
		adaptability	2.940	1	.086
		general_mood	3.483	1	.062
		extraversion	.196	1	.658
		neuroticism	2.969	1	.085
		psychoticism	4.354	1	.037
		Gender(1)	2.107	1	.147
		Enjoy_School(1)	6.641	1	.010
		Living_Arrang	7.033	5	.218
		Living_Arrang(1)	2.925	1	.087
		Living_Arrang(2)	.983	1	.322
		Living_Arrang(3)	1.919	1	.166
		Living_Arrang(4)	.529	1	.467
		Living_Arrang(5)	1.631	1	.202
		Sig_Adult_Fig(1)	.075	1	.784
		Parent_MH(1)	.224	1	.636
		Parent_Drug(1)	4.857	1	.028
		Parent_Alcohol(1)	.246	1	.620
		Parent_Crime(1)	.592	1	.442
		Alcohol(1)	.004	1	.949
		Cigarettes(1)	.237	1	.626
	Overall Statistics		36.630	28	.127
Step 3	Variables	Highest_Grade	1.302	1	.254
		Income	3.007	4	.557
		Income(1)	.702	1	.402
		Income(2)	.797	1	.372
		Income(3)	.207	1	.649
		Income(4)	.009	1	.924
		WISCSPM	.032	1	.857
		Interpersonal	.174	1	.676
		Intrapersonal	.217	1	.641
		adaptability	3.134	1	.077
		general_mood	2.101	1	.147
		extraversion	.008	1	.928
		neuroticism	.901	1	.343
		psychoticism	1.695	1	.193
		Gender(1)	3.322	1	.068
		Enjoy_School(1)	4.667	1	.031
		Living_Arrang	5.451	5	.363

		Living_Arrang(1)	.281	1	.596
		Living_Arrang(2)	.173	1	.678
		Living_Arrang(3)	2.709	1	.100
		Living_Arrang(4)	.509	1	.476
		Living_Arrang(5)	2.913	1	.088
		Sig_Adult_Fig(1)	.147	1	.702
		Parent_MH(1)	.619	1	.431
		Parent_Drug(1)	5.897	1	.015
		Parent_Alcohol(1)	.228	1	.633
		Parent_Crime(1)	.272	1	.602
		Alcohol(1)	.027	1	.870
		Cigarettes(1)	.254	1	.614
	Overall Statistics		34.315	27	.157
Step 4	Variables	Highest_Grade	.157	1	.692
		Income	6.002	4	.199
		Income(1)	.539	1	.463
		Income(2)	2.727	1	.099
		Income(3)	.972	1	.324
		Income(4)	.160	1	.689
		WISCSPM	.894	1	.344
		Interpersonal	.053	1	.818
		Intrapersonal	.017	1	.898
		adaptability	2.102	1	.147
		general_mood	1.617	1	.203
		extraversion	.012	1	.914
		neuroticism	1.385	1	.239
		psychoticism	.377	1	.539
		Gender(1)	2.212	1	.137
		Enjoy_School(1)	2.688	1	.101
		Living_Arrang	5.647	5	.342
		Living_Arrang(1)	.057	1	.811
		Living_Arrang(2)	.136	1	.712
		Living_Arrang(3)	.962	1	.327
		Living_Arrang(4)	.693	1	.405
		Living_Arrang(5)	4.522	1	.033
		Sig_Adult_Fig(1)	.762	1	.383
		Parent_MH(1)	.086	1	.769
		Parent_Alcohol(1)	.666	1	.415
		Parent_Crime(1)	2.038	1	.153
		Alcohol(1)	.006	1	.941
		Cigarettes(1)	.116	1	.733
	Overall Statistics		27.721	26	.372

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	62.837	-1.613
	2	59.257	-2.114
	3	59.136	-2.228
	4	59.136	-2.234
	5	59.136	-2.234

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 59.136

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed		Predicted: Panic Disorder score of 70+ Not present	Predicted: Panic Disorder score of 70+ Present	Percentage Correct
Step 0	Panic Disorder score of 70+ Not present	84	0	100.0
	Present	9	0	.0
	Overall Percentage			90.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.234	.351	40.555	1	.000	.107

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.212	1	.645
		Income	1.532	4	.821
		Income(1)	.448	1	.503
		Income(2)	.448	1	.503
		Income(3)	.770	1	.380
		Income(4)	.005	1	.944
		WISCSPM	1.396	1	.237
		Interpersonal	6.019	1	.014
		Intrapersonal	4.633	1	.031
		stress_management	5.408	1	.020
		adaptability	.652	1	.419
		general_mood	6.968	1	.008
		extraversion	1.251	1	.263

	neuroticism	10.410	1	.001
	psychoticism	.482	1	.488
	Gender(1)	.026	1	.872
	Enjoy_School(1)	2.475	1	.116
	Living_Arrang	3.594	5	.609
	Living_Arrang(1)	.108	1	.742
	Living_Arrang(2)	3.092	1	.079
	Living_Arrang(3)	.332	1	.564
	Living_Arrang(4)	.121	1	.728
	Living_Arrang(5)	.052	1	.819
	Sig_Adult_Fig(1)	3.701	1	.054
	Parent_MH(1)	3.701	1	.054
	Parent_Drug(1)	4.168	1	.041
	Parent_Alcohol(1)	1.201	1	.273
	Parent_Crime(1)	.143	1	.705
	Drug_Use(1)	4.232	1	.040
	Alcohol(1)	.532	1	.466
	Cigarettes(1)	2.061	1	.151
	Crime_Convictions(1)	.034	1	.854
Overall Statistics		43.691	30	.051

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients			
			Constant	neuroticism	Interpersonal	general_mood
Step 1	1	57.576	-2.253	.108		
	2	49.285	-3.703	.240		
	3	47.113	-4.935	.364		
	4	46.787	-5.632	.433		
	5	46.775	-5.791	.448		
	6	46.775	-5.797	.449		
	7	46.775	-5.797	.449		
Step 2	1	53.955	-4.248	.115	.021	
	2	42.945	-8.012	.249	.045	
	3	39.737	-11.179	.374	.065	
	4	39.216	-12.860	.452	.074	
	5	39.194	-13.244	.473	.075	
	6	39.194	-13.263	.474	.075	
	7	39.194	-13.263	.474	.075	
Step 3	1	50.317	-2.343	.042	.035	-.030
	2	37.933	-4.370	.094	.070	-.055

	3	34.294	-6.712	.165	.099	-.070
	4	33.604	-8.387	.226	.115	-.078
	5	33.562	-8.892	.249	.120	-.080
	6	33.562	-8.928	.251	.120	-.080
	7	33.562	-8.929	.251	.120	-.080
Step 4	1	50.786	-1.731		.037	-.036
	2	38.844	-3.067		.076	-.069
	3	35.768	-4.582		.110	-.093
	4	35.347	-5.640		.129	-.104
	5	35.333	-5.916		.133	-.106
	6	35.333	-5.928		.133	-.106
	7	35.333	-5.928		.133	-.106

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 59.136

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.361	1	.000
	Block	12.361	1	.000
	Model	12.361	1	.000
Step 2	Step	7.581	1	.006
	Block	19.942	2	.000
	Model	19.942	2	.000
Step 3	Step	5.632	1	.018
	Block	25.575	3	.000
	Model	25.575	3	.000
Step 4[a]	Step	-1.771	1	.183
	Block	23.803	2	.000
	Model	23.803	2	.000

a. A negative Chi-squares value indicates that the Chi-squares value has decreased from the previous step.

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	46.775[a]	.124	.265
2	39.194[a]	.193	.410
3	33.562[a]	.240	.511
4	35.333[a]	.226	.480

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	10.285	8	.246
2	1.769	8	.987

3	2.968	8	.936
4	5.115	8	.745

Contingency Table for Hosmer and Lemeshow Test

		Panic Disorder score of 70+ = Not present		Panic Disorder score of 70+ = Present		Total
		Observed	Expected	Observed	Expected	
Step 1	1	5	4.985	0	.015	5
	2	11	10.948	0	.052	11
	3	8	7.941	0	.059	8
	4	13	12.786	0	.214	13
	5	12	11.575	0	.425	12
	6	7	8.409	2	.591	9
	7	4	5.405	2	.595	6
	8	7	5.970	0	1.030	7
	9	10	8.659	1	2.341	11
	10	7	7.322	4	3.678	11
Step 2	1	9	8.990	0	.010	9
	2	9	8.970	0	.030	9
	3	9	8.939	0	.061	9
	4	9	8.915	0	.085	9
	5	9	8.824	0	.176	9
	6	8	7.731	0	.269	8
	7	8	8.555	1	.445	9
	8	8	8.217	1	.783	9
	9	8	7.409	1	1.591	9
	10	7	7.448	6	5.552	13
Step 3	1	9	8.991	0	.009	9
	2	9	8.979	0	.021	9
	3	9	8.960	0	.040	9
	4	9	8.939	0	.061	9
	5	9	8.911	0	.089	9
	6	9	8.757	0	.243	9
	7	8	8.647	1	.353	9
	8	8	8.404	1	.596	9
	9	7	7.688	2	1.312	9
	10	7	5.723	5	6.277	12
Step 4	1	9	8.990	0	.010	9
	2	9	8.962	0	.038	9
	3	9	8.918	0	.082	9
	4	9	8.874	0	.126	9
	5	9	8.811	0	.189	9
	6	8	8.729	1	.271	9
	7	8	8.632	1	.368	9
	8	8	8.303	1	.697	9
	9	9	7.816	0	1.184	9
	10	6	5.964	6	6.036	12

Classification Table[a]

Observed			Predicted		
			Panic Disorder score of 70+		Percentage Correct
			Not present	Present	
Step 1	Panic Disorder score of 70+	Not present	84	0	100.0
		Present	9	0	.0
	Overall Percentage				90.3
Step 2	Panic Disorder score of 70+	Not present	81	3	96.4
		Present	7	2	22.2
	Overall Percentage				89.2
Step 3	Panic Disorder score of 70+	Not present	83	1	98.8
		Present	4	5	55.6
	Overall Percentage				94.6
Step 4	Panic Disorder score of 70+	Not present	83	1	98.8
		Present	5	4	44.4
	Overall Percentage				93.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.449	.167	7.255	1	.007	1.567	1.130	2.172
	Constant	-5.797	1.607	13.022	1	.000	.003		
Step 2[b]	Interpersonal	.075	.032	5.430	1	.020	1.078	1.012	1.149
	neuroticism	.474	.173	7.525	1	.006	1.606	1.145	2.254
	Constant	-13.263	3.822	12.039	1	.001	.000		
Step 3[c]	Interpersonal	.120	.043	7.653	1	.006	1.128	1.036	1.228
	general_mood	-.080	.037	4.738	1	.029	.923	.859	.992
	neuroticism	.251	.200	1.579	1	.209	1.285	.869	1.901
	Constant	-8.929	4.364	4.186	1	.041	.000		
Step 4[c]	Interpersonal	.133	.044	9.149	1	.002	1.142	1.048	1.245
	general_mood	-.106	.032	11.187	1	.001	.899	.845	.957
	Constant	-5.928	3.734	2.520	1	.112	.003		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: Interpersonal.

c. Variable(s) entered on step 3: general_mood.

Correlation Matrix

		Constant	neuroticism	Constant	Interpersonal	neuroticism	general_mood
Step 1	Constant	1.000	-.972				
	neuroticism	-.972	1.000				
Step 2	Constant			1.000	-.907	-.537	
	Interpersonal			-.907	1.000	.149	
	neuroticism			-.537	.149	1.000	
Step 3	Constant			1.000	-.548	-.564	-.300

	Interpersonal			-.548	1.000	-.123	-.568
	general_mood			-.300	-.568	.397	1.000
	neuroticism			-.564	-.123	1.000	.397
Step 4	Constant			1.000	-.789		-.069
	Interpersonal			-.789	1.000		-.549
	general_mood			-.069	-.549		1.000

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-29.568	12.361	1	.000
Step 2	Interpersonal	-23.388	7.581	1	.006
	neuroticism	-26.239	13.284	1	.000
Step 3	Interpersonal	-23.100	12.638	1	.000
	general_mood	-19.597	5.632	1	.018
	neuroticism	-17.667	1.771	1	.183
Step 4	Interpersonal	-25.991	16.650	1	.000
	general_mood	-26.239	17.145	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.390	1	.532
		Income	1.984	4	.739
		Income(1)	.582	1	.446
		Income(2)	.696	1	.404
		Income(3)	.774	1	.379
		Income(4)	.073	1	.787
		WISCSPM	1.588	1	.208
		Interpersonal	6.735	1	.009
		Intrapersonal	.607	1	.436
		stress_management	1.206	1	.272
		adaptability	.007	1	.932
		general_mood	.554	1	.457
		extraversion	.015	1	.903
		psychoticism	.310	1	.578
		Gender(1)	.885	1	.347
		Enjoy_School(1)	1.196	1	.274
		Living_Arrang	3.840	5	.573
		Living_Arrang(1)	.072	1	.789
		Living_Arrang(2)	3.420	1	.064
		Living_Arrang(3)	.399	1	.528
		Living_Arrang(4)	.129	1	.720
		Living_Arrang(5)	.001	1	.970
		Sig_Adult_Fig(1)	2.678	1	.102
		Parent_MH(1)	3.732	1	.053
		Parent_Drug(1)	3.862	1	.049
		Parent_Alcohol(1)	.709	1	.400
		Parent_Crime(1)	.038	1	.845
		Drug_Use(1)	3.212	1	.073
		Alcohol(1)	.009	1	.926

		Cigarettes(1)	1.259	1	.262
		Crime_Convictions(1)	.070	1	.792
	Overall Statistics		32.861	29	.283
Step 2	Variables	Highest_Grade	.038	1	.846
		Income	1.692	4	.792
		Income(1)	.683	1	.409
		Income(2)	.281	1	.596
		Income(3)	.084	1	.771
		Income(4)	.477	1	.490
		WISCSPM	3.645	1	.056
		Intrapersonal	1.232	1	.267
		stress_management	.958	1	.328
		adaptability	.990	1	.320
		general_mood	5.284	1	.022
		extraversion	2.667	1	.102
		psychoticism	.656	1	.418
		Gender(1)	2.821	1	.093
		Enjoy_School(1)	4.510	1	.034
		Living_Arrang	3.382	5	.641
		Living_Arrang(1)	.116	1	.734
		Living_Arrang(2)	3.160	1	.075
		Living_Arrang(3)	.055	1	.814
		Living_Arrang(4)	.218	1	.641
		Living_Arrang(5)	.002	1	.965
		Sig_Adult_Fig(1)	2.159	1	.142
		Parent_MH(1)	1.435	1	.231
		Parent_Drug(1)	2.699	1	.100
		Parent_Alcohol(1)	.725	1	.394
		Parent_Crime(1)	.000	1	1.000
		Drug_Use(1)	3.437	1	.064
		Alcohol(1)	.264	1	.607
		Cigarettes(1)	1.664	1	.197
		Crime_Convictions(1)	.006	1	.939
	Overall Statistics		24.177	28	.672
Step 3	Variables	Highest_Grade	.322	1	.570
		Income	3.033	4	.552
		Income(1)	1.643	1	.200
		Income(2)	.081	1	.776
		Income(3)	.311	1	.577
		Income(4)	.793	1	.373
		WISCSPM	2.389	1	.122
		Intrapersonal	.481	1	.488
		stress_management	.171	1	.680
		adaptability	.127	1	.722
		extraversion	1.634	1	.201
		psychoticism	.000	1	.993
		Gender(1)	1.560	1	.212
		Enjoy_School(1)	1.527	1	.217
		Living_Arrang	1.506	5	.912
		Living_Arrang(1)	.049	1	.825
		Living_Arrang(2)	1.369	1	.242

		Living_Arrang(3)	.008	1	.927
		Living_Arrang(4)	.017	1	.898
		Living_Arrang(5)	.358	1	.550
		Sig_Adult_Fig(1)	1.132	1	.287
		Parent_MH(1)	.109	1	.741
		Parent_Drug(1)	.290	1	.590
		Parent_Alcohol(1)	1.834	1	.176
		Parent_Crime(1)	.135	1	.714
		Drug_Use(1)	2.025	1	.155
		Alcohol(1)	.624	1	.430
		Cigarettes(1)	.860	1	.354
		Crime_Convictions(1)	.086	1	.769
	Overall Statistics		24.681	27	.592
Step 4[a]	Variables	Highest_Grade	.888	1	.346
		Income	3.295	4	.510
		Income(1)	1.751	1	.186
		Income(2)	.061	1	.804
		Income(3)	.476	1	.490
		Income(4)	.832	1	.362
		WISCSPM	1.126	1	.289
		Intrapersonal	.940	1	.332
		stress_management	.508	1	.476
		adaptability	.160	1	.689
		extraversion	2.205	1	.138
		neuroticism	1.716	1	.190
		psychoticism	.034	1	.853
		Gender(1)	.304	1	.581
		Enjoy_School(1)	.967	1	.325
		Living_Arrang	1.065	5	.957
		Living_Arrang(1)	.044	1	.834
		Living_Arrang(2)	.767	1	.381
		Living_Arrang(3)	.005	1	.945
		Living_Arrang(4)	.009	1	.925
		Living_Arrang(5)	.512	1	.474
		Sig_Adult_Fig(1)	.771	1	.380
		Parent_MH(1)	.000	1	1.000
		Parent_Drug(1)	.056	1	.813
		Parent_Alcohol(1)	2.170	1	.141
		Parent_Crime(1)	.252	1	.616
		Drug_Use(1)	2.003	1	.157
		Alcohol(1)	1.062	1	.303
		Cigarettes(1)	.986	1	.321
		Crime_Convictions(1)	.274	1	.600
	Overall Statistics		25.733	28	.588

a. Variable(s) removed on step 4: neuroticism.

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	62.837	-1.613
	2	59.257	-2.114
	3	59.136	-2.228
	4	59.136	-2.234
	5	59.136	-2.234

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 59.136

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: OCD score of 70+ Not present	Predicted: OCD score of 70+ Present	Percentage Correct
Step 0	OCD score of 70+	Not present	84	0	100.0
		Present	9	0	.0
	Overall Percentage				90.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.234	.351	40.555	1	.000	.107

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.132	1	.717
		Income	2.362	4	.669
		Income(1)	.448	1	.503
		Income(2)	1.123	1	.289
		Income(3)	.770	1	.380
		Income(4)	.005	1	.944
		WISCSPM	2.262	1	.133
		Interpersonal	4.868	1	.027
		Intrapersonal	1.323	1	.250
		stress_management	6.440	1	.011
		adaptability	.054	1	.817
		general_mood	1.177	1	.278
		extraversion	.027	1	.869
		neuroticism	5.589	1	.018

	psychoticism	.977	1	.323
	Gender(1)	1.590	1	.207
	Enjoy_School(1)	.677	1	.411
	Living_Arrang	22.952	5	.000
	Living_Arrang(1)	9.435	1	.002
	Living_Arrang(2)	9.534	1	.002
	Living_Arrang(3)	.332	1	.564
	Living_Arrang(4)	.121	1	.728
	Living_Arrang(5)	1.247	1	.264
	Sig_Adult_Fig(1)	.028	1	.866
	Parent_MH(1)	8.821	1	.003
	Parent_Drug(1)	1.564	1	.211
	Parent_Alcohol(1)	1.201	1	.273
	Parent_Crime(1)	1.345	1	.246
	Drug_Use(1)	7.786	1	.005
	Alcohol(1)	.020	1	.888
	Cigarettes(1)	4.589	1	.032
	Crime_Convictions(1)	2.080	1	.149
Overall Statistics		53.769	30	.005

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients											
			Constant	Living_Arrang(1)	Living_Arrang(2)	Living_Arrang(3)	Living_Arrang(4)	Living_Arrang(5)	Interpersonal	stress_management	Crime_Convictions(1)	WISCSPM	Cigarettes(1)	Gender(1)
Step 1	1	52.585	-1.920	3.920	1.634	-.080	.206	.587						
	2	44.574	-2.887	6.023	2.600	-.248	.545	1.300						
	3	43.045	-3.543	7.722	3.255	-.636	.998	1.934						
	4	42.837	-3.840	9.034	3.552	-1.354	1.275	2.230						
	5	42.806	-3.891	10.090	3.603	-2.309	1.326	2.281						
	6	42.796	-3.892	11.094	3.604	-3.310	1.327	2.282						
	7	42.792	-3.892	12.094	3.604	-4.311	1.327	2.282						
	8	42.791	-3.892	13.095	3.604	-5.311	1.327	2.282						
	9	42.790	-3.892	14.095	3.604	-6.311	1.327	2.282						
	10	42.790	-3.892	15.095	3.604	-7.311	1.327	2.282						
	11	42.790	-3.892	16.095	3.604	-8.311	1.327	2.282						
	12	42.790	-3.892	17.095	3.604	-9.311	1.327	2.282						
	13	42.790	-3.892	18.095	3.604	-10.311	1.327	2.282						
	14	42.790	-3.892	19.095	3.604	-11.311	1.327	2.282						
	15	42.790	-3.892	20.095	3.604	-12.311	1.327	2.282						
	16	42.790	-3.892	21.095	3.604	-13.311	1.327	2.282						
	17	42.790	-3.892	22.095	3.604	-14.311	1.327	2.282						
	18	42.790	-3.892	23.095	3.604	-15.311	1.327	2.282						

	19	42.790	-3.892	24.095	3.604	-16.311	1.327	2.282								
	20	42.790	-3.892	25.095	3.604	-17.311	1.327	2.282								
Step 2	1	50.308	-3.528	3.758	1.671	.342	.262	.629	.017							
	2	39.556	-6.924	5.714	2.768	.866	.670	1.423	.042							
	3	36.068	-10.663	7.430	3.757	1.464	1.178	2.221	.072							
	4	35.245	-13.446	8.931	4.467	1.636	1.538	2.748	.094							
	5	35.159	-14.488	10.116	4.727	1.065	1.661	2.932	.103							
	6	35.148	-14.594	11.136	4.753	.106	1.672	2.950	.103							
	7	35.144	-14.595	12.137	4.753	-.895	1.672	2.950	.104							
	8	35.142	-14.595	13.137	4.753	-1.895	1.672	2.950	.104							
	9	35.142	-14.595	14.137	4.753	-2.895	1.672	2.950	.104							
	10	35.142	-14.595	15.137	4.753	-3.896	1.672	2.950	.104							
	11	35.142	-14.595	16.137	4.753	-4.896	1.672	2.950	.104							
	12	35.142	-14.595	17.137	4.753	-5.896	1.672	2.950	.104							
	13	35.141	-14.595	18.137	4.753	-6.896	1.672	2.950	.104							
	14	35.141	-14.595	19.137	4.753	-7.896	1.672	2.950	.104							
	15	35.141	-14.595	20.137	4.753	-8.896	1.672	2.950	.104							
	16	35.141	-14.595	21.137	4.753	-9.896	1.672	2.950	.104							
	17	35.141	-14.595	22.137	4.753	-10.896	1.672	2.950	.104							
	18	35.141	-14.595	23.137	4.753	-11.896	1.672	2.950	.104							
	19	35.141	-14.595	24.137	4.753	-12.896	1.672	2.950	.104							
	20	35.141	-14.595	25.137	4.753	-13.896	1.672	2.950	.104							
Step 3	1	46.827	-2.020	4.324	1.268	.341	.223	.499	.022	-.020						
	2	34.040	-3.559	6.952	1.981	.730	.565	1.096	.047	-.040						
	3	29.994	-5.434	9.279	2.675	1.057	1.005	1.734	.072	-.055						
	4	29.071	-7.187	11.125	3.281	1.056	1.392	2.245	.090	-.062						

	5	28.965	-8.068	12.430	3.573	.486	1.577	2.475	.098	-.064				
	6	28.952	-8.198	13.468	3.615	-.458	1.603	2.507	.099	-.064				
	7	28.948	-8.200	14.469	3.616	-1.459	1.603	2.508	.099	-.064				
	8	28.947	-8.200	15.470	3.616	-2.460	1.603	2.508	.099	-.064				
	9	28.946	-8.200	16.470	3.616	-3.460	1.603	2.508	.099	-.064				
	10	28.946	-8.200	17.470	3.616	-4.460	1.603	2.508	.099	-.064				
	11	28.946	-8.200	18.470	3.616	-5.460	1.603	2.508	.099	-.064				
	12	28.946	-8.200	19.470	3.616	-6.460	1.603	2.508	.099	-.064				
	13	28.946	-8.200	20.470	3.616	-7.460	1.603	2.508	.099	-.064				
	14	28.946	-8.200	21.470	3.616	-8.460	1.603	2.508	.099	-.064				
	15	28.946	-8.200	22.470	3.616	-9.460	1.603	2.508	.099	-.064				
	16	28.946	-8.200	23.470	3.616	-10.460	1.603	2.508	.099	-.064				
	17	28.946	-8.200	24.470	3.616	-11.460	1.603	2.508	.099	-.064				
	18	28.946	-8.200	25.470	3.616	-12.460	1.603	2.508	.099	-.064				
	19	28.946	-8.200	26.470	3.616	-13.460	1.603	2.508	.099	-.064				
	20	28.946	-8.200	27.470	3.616	-14.460	1.603	2.508	.099	-.064				
Step 4	1	45.676	-1.665	4.901	1.617	.627	.323	.611	.022	-.023	-.527			
	2	31.390	-2.788	8.443	2.852	1.457	.933	1.434	.048	-.048	-1.288			
	3	26.151	-4.077	11.986	4.160	2.346	1.868	2.370	.074	-.072	-2.127			
	4	24.640	-5.118	15.134	5.345	2.913	2.812	3.220	.094	-.090	-2.820			
	5	24.402	-5.593	17.322	6.038	2.741	3.374	3.733	.102	-.100	-3.188			
	6	24.383	-5.681	18.598	6.202	1.923	3.509	3.859	.104	-.102	-3.269			
	7	24.379	-5.684	19.611	6.209	.930	3.515	3.865	.104	-.102	-3.273			
	8	24.377	-5.684	20.611	6.209	-.071	3.515	3.865	.104	-.102	-3.273			
	9	24.377	-5.684	21.611	6.209	-1.071	3.515	3.865	.104	-.102	-3.273			
	10	24.376	-5.684	22.611	6.209	-2.071	3.515	3.865	.104	-.102	-3.273			

	11	24.376	-5.684	23.611	6.209	-3.071	3.515	3.865	.104	-.102	-3.273		
	12	24.376	-5.684	24.611	6.209	-4.071	3.515	3.865	.104	-.102	-3.273		
	13	24.376	-5.684	25.611	6.209	-5.071	3.515	3.865	.104	-.102	-3.273		
	14	24.376	-5.684	26.611	6.209	-6.071	3.515	3.865	.104	-.102	-3.273		
	15	24.376	-5.684	27.611	6.209	-7.071	3.515	3.865	.104	-.102	-3.273		
	16	24.376	-5.684	28.611	6.209	-8.071	3.515	3.865	.104	-.102	-3.273		
	17	24.376	-5.684	29.611	6.209	-9.071	3.515	3.865	.104	-.102	-3.273		
	18	24.376	-5.684	30.611	6.209	-10.071	3.515	3.865	.104	-.102	-3.273		
	19	24.376	-5.684	31.611	6.209	-11.071	3.515	3.865	.104	-.102	-3.273		
	20	24.376	-5.684	32.611	6.209	-12.071	3.515	3.865	.104	-.102	-3.273		
Step 5	1	45.007	-.819	4.981	1.692	.604	.297	.708	.023	-.020	-.793	-.012	
	2	29.430	-.541	8.762	3.159	1.501	.911	1.779	.050	-.040	-2.067	-.033	
	3	22.463	-.009	12.902	5.041	2.717	1.964	3.290	.081	-.057	-3.731	-.063	
	4	19.077	1.008	17.682	7.478	4.296	3.381	5.326	.113	-.075	-5.766	-.103	
	5	17.474	2.853	23.381	10.455	6.157	5.031	7.817	.146	-.099	-8.222	-.148	
	6	16.896	4.938	29.123	13.360	7.799	6.511	10.218	.175	-.126	-10.624	-.189	
	7	16.790	6.214	33.057	15.125	8.406	7.338	11.684	.193	-.143	-12.083	-.214	
	8	16.784	6.530	34.808	15.573	7.821	7.539	12.060	.198	-.148	-12.453	-.221	
	9	16.784	6.545	35.846	15.596	6.842	7.549	12.079	.198	-.148	-12.472	-.221	
	10	16.784	6.546	36.847	15.596	5.842	7.549	12.079	.198	-.148	-12.472	-.221	
	11	16.783	6.546	37.847	15.596	4.842	7.549	12.079	.198	-.148	-12.472	-.221	
	12	16.783	6.546	38.847	15.596	3.842	7.549	12.079	.198	-.148	-12.472	-.221	
	13	16.783	6.546	39.847	15.596	2.842	7.549	12.079	.198	-.148	-12.472	-.221	
	14	16.783	6.546	40.847	15.596	1.842	7.549	12.079	.198	-.148	-12.472	-.221	
	15	16.783	6.546	41.847	15.596	.842	7.549	12.079	.198	-.148	-12.472	-.221	
	16	16.783	6.546	42.847	15.596	-.158	7.549	12.079	.198	-.148	-12.472	-.221	

	17	16.783	6.546	43.847	15.596	-1.158	7.549	12.079	.198	-.148	-12.472	-.221		
	18	16.783	6.546	44.847	15.596	-2.158	7.549	12.079	.198	-.148	-12.472	-.221		
	19	16.783	6.546	45.847	15.596	-3.158	7.549	12.079	.198	-.148	-12.472	-.221		
	20	16.783	6.546	46.847	15.596	-4.158	7.549	12.079	.198	-.148	-12.472	-.221		
Step 6	1	44.813	-1.134	4.874	1.675	.612	.299	.670	.023	-.019	-.877	-.011	.218	
	2	29.157	-1.072	8.557	3.115	1.500	.916	1.745	.051	-.037	-2.181	-.031	.358	
	3	21.666	-1.045	12.577	5.049	2.737	2.038	3.339	.083	-.051	-4.011	-.063	.704	
	4	16.806	-1.373	17.505	8.027	4.557	3.845	5.881	.123	-.061	-6.726	-.111	1.602	
	5	12.650	-1.321	25.653	13.413	7.929	6.833	10.402	.188	-.083	-11.483	-.195	3.209	
	6	8.750	.430	40.776	23.311	15.010	11.651	18.561	.306	-.143	-20.167	-.342	5.638	
	7	5.277	1.605	66.635	40.579	28.835	19.938	32.800	.524	-.249	-35.235	-.597	10.074	
	8	2.733	.710	105.870	67.111	51.153	33.007	54.627	.871	-.414	-58.221	-.978	17.339	
	9	1.290	-.073	158.343	102.522	81.294	51.029	83.815	1.329	-.644	-88.655	-1.472	26.737	
	10	.541	-.274	225.196	147.223	120.099	74.870	121.068	1.910	-.953	-126.907	-2.090	37.953	
	11	.194	-.721	303.216	199.063	165.965	103.585	164.708	2.593	-1.327	-170.910	-2.791	49.909	
	12	.070	-1.183	379.847	249.996	211.068	131.815	207.586	3.266	-1.694	-214.115	-3.480	61.496	
	13	.026	-1.615	455.459	300.267	255.572	159.657	249.903	3.930	-2.056	-256.779	-4.162	72.974	
	14	.009	-2.031	530.737	350.323	299.881	187.372	292.038	4.591	-2.415	-299.266	-4.842	84.419	
	15	.003	-2.437	605.908	400.309	344.128	215.047	334.114	5.252	-2.774	-341.699	-5.522	95.855	
	16	.001	-2.838	681.047	450.276	388.357	242.709	376.174	5.912	-3.132	-384.116	-6.201	107.288	
	17	.000	-3.237	756.178	500.237	432.583	270.369	418.230	6.573	-3.491	-426.530	-6.880	118.721	
	18	.000	-3.635	831.308	550.198	476.807	298.028	460.285	7.233	-3.849	-468.943	-7.559	130.154	
	19	.000	-4.032	906.439	600.159	521.033	325.688	502.340	7.894	-4.208	-511.357	-8.238	141.588	
	20	.000	-4.428	981.570	650.120	565.258	353.348	544.396	8.554	-4.566	-553.771	-8.918	153.022	
Step 7	1	44.585	-1.198	4.875	1.671	.635	.315	.632	.023	-.019	-.982	-.011	.223	.201
	2	28.962	-1.427	8.484	3.070	1.559	.935	1.624	.052	-.038	-2.303	-.029	.390	.375
	3	21.653	-1.724	12.445	4.980	2.846	2.042	3.147	.084	-.054	-4.056	-.057	.728	.412

4	16.915	-1.803	17.422	7.982	4.644	3.829	5.711	.123	-.064	-6.684	-.105	1.551	.212
5	12.578	-.762	25.783	13.501	7.848	6.865	10.590	.186	-.081	-11.480	-.200	3.205	-.324
6	8.074	2.654	41.763	23.896	14.967	11.726	19.869	.311	-.131	-20.729	-.385	6.172	-1.327
7	3.715	6.122	70.203	42.962	29.791	20.186	37.187	.565	-.215	-37.743	-.734	12.327	-3.403
8	1.443	8.324	104.932	66.392	48.605	30.874	58.128	.879	-.325	-58.409	-1.143	19.973	-5.638
9	.529	10.437	141.867	91.300	68.596	42.516	80.146	1.205	-.448	-80.187	-1.561	27.894	-7.755
10	.194	12.592	178.707	116.153	88.544	54.152	102.071	1.530	-.572	-101.909	-1.978	35.741	-9.855
11	.072	14.816	215.479	140.965	108.464	65.765	123.959	1.856	-.694	-123.602	-2.396	43.560	-11.972
12	.027	17.107	252.386	165.874	128.471	77.426	145.939	2.182	-.817	-145.381	-2.817	51.404	-14.115
13	.010	19.458	289.509	190.932	148.608	89.167	168.063	2.512	-.940	-167.290	-3.241	59.293	-16.287
14	.004	21.866	326.858	216.148	168.883	100.996	190.338	2.843	-1.064	-189.332	-3.668	67.232	-18.485
15	.001	24.324	364.421	241.515	189.289	112.915	212.760	3.177	-1.189	-211.498	-4.099	75.220	-20.708
16	.001	26.827	402.171	267.014	209.814	124.918	235.314	3.512	-1.314	-233.769	-4.532	83.252	-22.954
17	.000	29.370	440.079	292.630	230.440	136.997	257.983	3.849	-1.439	-256.127	-4.968	91.324	-25.219
18	.000	31.947	478.117	318.345	251.150	149.140	280.749	4.188	-1.566	-278.554	-5.406	99.428	-27.502
19	.000	34.554	516.255	344.144	271.926	161.334	303.591	4.527	-1.692	-301.035	-5.846	107.559	-29.800
20	.000	37.186	554.471	370.016	292.751	173.566	326.493	4.867	-1.819	-323.558	-6.287	115.710	-32.111

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 59.136

d. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	16.346	5	.006
	Block	16.346	5	.006
	Model	16.346	5	.006
Step 2	Step	7.648	1	.006
	Block	23.995	6	.001
	Model	23.995	6	.001
Step 3	Step	6.196	1	.013
	Block	30.190	7	.000
	Model	30.190	7	.000
Step 4	Step	4.570	1	.033
	Block	34.760	8	.000
	Model	34.760	8	.000
Step 5	Step	7.593	1	.006
	Block	42.353	9	.000
	Model	42.353	9	.000
Step 6	Step	16.783	1	.000
	Block	59.136	10	.000
	Model	59.136	10	.000
Step 7	Step	.000	1	.997
	Block	59.136	11	.000
	Model	59.136	11	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	42.790[a]	.161	.343
2	35.141[a]	.227	.483
3	28.946[a]	.277	.589
4	24.376[a]	.312	.663
5	16.783[a]	.366	.777
6	.000[a]	.471	1.000
7	.000[a]	.471	1.000

a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	3	1.000
2	17.860	8	.022
3	4.167	8	.842
4	8.773	8	.362
5	11.318	8	.184
6	.000	8	1.000
7	.000	8	1.000

Contingency Table for Hosmer and Lemeshow Test

		OCD score of 70+ = Not present		OCD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	3	3.000	0	.000	3
	2	49	49.000	1	1.000	50
	3	13	13.000	1	1.000	14
	4	15	15.000	3	3.000	18
	5	4	4.000	4	4.000	8
Step 2	1	9	8.997	0	.003	9
	2	9	8.983	0	.017	9
	3	10	9.965	0	.035	10
	4	8	8.943	1	.057	9
	5	10	9.861	0	.139	10
	6	9	8.748	0	.252	9
	7	9	8.488	0	.512	9
	8	9	8.118	0	.882	9
	9	7	7.201	2	1.799	9
	10	4	4.697	6	5.303	10
Step 3	1	9	8.996	0	.004	9
	2	9	8.988	0	.012	9
	3	9	8.977	0	.023	9
	4	9	8.960	0	.040	9
	5	9	8.929	0	.071	9
	6	9	8.861	0	.139	9
	7	8	8.730	1	.270	9
	8	8	8.576	1	.424	9
	9	9	8.085	0	.915	9
	10	5	4.898	7	7.102	12
Step 4	1	9	8.999	0	.001	9
	2	9	8.996	0	.004	9
	3	9	8.992	0	.008	9
	4	9	8.981	0	.019	9
	5	9	8.960	0	.040	9
	6	9	8.910	0	.090	9
	7	9	8.773	0	.227	9
	8	7	8.622	2	.378	9
	9	9	8.039	0	.961	9
	10	5	4.726	7	7.274	12
Step 5	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	8.998	0	.002	9
	7	9	8.986	0	.014	9
	8	8	8.916	1	.084	9
	9	9	7.928	0	1.072	9
	10	4	4.173	8	7.827	12
Step 6	1	12	12.000	0	.000	12
	2	9	9.000	0	.000	9

	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	9.000	0	.000	9
	7	9	9.000	0	.000	9
	8	9	9.000	0	.000	9
	9	9	9.000	0	.000	9
	10	0	.000	9	9.000	9
Step 7	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	9.000	0	.000	9
	7	9	9.000	0	.000	9
	8	9	9.000	0	.000	9
	9	9	9.000	0	.000	9
	10	3	3.000	9	9.000	12

Classification Table[a]

			Predicted		
			OCD score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	OCD score of 70+	Not present	84	0	100.0
		Present	8	1	11.1
	Overall Percentage				91.4
Step 2	OCD score of 70+	Not present	83	1	98.8
		Present	6	3	33.3
	Overall Percentage				92.5
Step 3	OCD score of 70+	Not present	83	1	98.8
		Present	2	7	77.8
	Overall Percentage				96.8
Step 4	OCD score of 70+	Not present	83	1	98.8
		Present	3	6	66.7
	Overall Percentage				95.7
Step 5	OCD score of 70+	Not present	84	0	100.0
		Present	2	7	77.8
	Overall Percentage				97.8
Step 6	OCD score of 70+	Not present	84	0	100.0
		Present	0	9	100.0
	Overall Percentage				100.0
Step 7	OCD score of 70+	Not present	84	0	100.0
		Present	0	9	100.0
	Overall Percentage				100.0

a. The cut value is .500

Variables in the Equation[n]

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B) Lower	Upper
Step 1[a]	Living_Arrang			8.828	5	.116			
	Living_Arrang(1)	25.095	40192.970	.000	1	1.000	7.916E10	.000	.
	Living_Arrang(2)	3.604	1.266	8.100	1	.004	36.750	3.071	439.754
	Living_Arrang(3)	-17.311	23205.422	.000	1	.999	.000	.000	.
	Living_Arrang(4)	1.327	1.448	.839	1	.360	3.769	.221	64.414
	Living_Arrang(5)	2.282	1.192	3.667	1	.055	9.800	.948	101.320
	Constant	-3.892	1.010	14.843	1	.000	.020		
Step 2[b]	Interpersonal	.104	.048	4.724	1	.030	1.109	1.010	1.218
	Living_Arrang			9.422	5	.093			
	Living_Arrang(1)	25.137	40192.970	.000	1	1.000	8.260E10	.000	.
	Living_Arrang(2)	4.753	1.584	9.009	1	.003	115.937	5.203	2583.196
	Living_Arrang(3)	-13.896	22754.574	.000	1	1.000	.000	.000	.
	Living_Arrang(4)	1.672	1.518	1.214	1	.270	5.325	.272	104.247
	Living_Arrang(5)	2.950	1.325	4.958	1	.026	19.110	1.424	256.482
	Constant	-14.595	5.363	7.406	1	.006	.000		
Step 3[c]	Interpersonal	.099	.047	4.469	1	.035	1.104	1.007	1.210
	stress_management	-.064	.030	4.499	1	.034	.938	.884	.995
	Living_Arrang			4.563	5	.472			
	Living_Arrang(1)	27.470	40192.970	.000	1	.999	8.511E11	.000	.
	Living_Arrang(2)	3.616	1.745	4.291	1	.038	37.171	1.215	1137.349
	Living_Arrang(3)	-14.460	21729.626	.000	1	.999	.000	.000	.
	Living_Arrang(4)	1.603	1.716	.873	1	.350	4.969	.172	143.410
	Living_Arrang(5)	2.508	1.455	2.969	1	.085	12.276	.708	212.780
	Constant	-8.200	6.000	1.868	1	.172	.000		
Step 4[d]	Interpersonal	.104	.047	5.014	1	.025	1.110	1.013	1.216
	stress_management	-.102	.043	5.532	1	.019	.903	.829	.983
	Living_Arrang			5.862	5	.320			
	Living_Arrang(1)	32.611	40192.971	.000	1	.999	1.455E14	.000	.
	Living_Arrang(2)	6.209	2.631	5.569	1	.018	497.280	2.864	86352.048
	Living_Arrang(3)	-12.071	21323.743	.000	1	1.000	.000	.000	.
	Living_Arrang(4)	3.515	2.096	2.813	1	.093	33.630	.553	2045.616
	Living_Arrang(5)	3.865	1.869	4.274	1	.039	47.687	1.223	1860.048
	Crime_Convictions(1)	-3.273	1.859	3.101	1	.078	.038	.001	1.447
	Constant	-5.684	5.958	.910	1	.340	.003		
Step 5[e]	WISCSPM	-.221	.116	3.623	1	.057	.802	.639	1.007
	Interpersonal	.198	.095	4.375	1	.036	1.219	1.013	1.467
	stress_management	-.148	.083	3.211	1	.073	.862	.733	1.014
	Living_Arrang			3.948	5	.557			
	Living_Arrang(1)	46.847	40192.972	.000	1	.999	2.214E20	.000	.
	Living_Arrang(2)	15.596	7.860	3.937	1	.047	5934358.609	1.210	2.910E13
	Living_Arrang(3)	-4.158	20222.678	.000	1	1.000	.016	.000	.
	Living_Arrang(4)	7.549	4.123	3.352	1	.067	1899.410	.587	6143873.263
	Living_Arrang(5)	12.079	6.422	3.538	1	.060	176170.882	.602	5.154E10
	Crime_Convictions(1)	-12.472	6.532	3.645	1	.056	.000	.000	1.392

	Constant	6.546	8.906	.540	1	.462	696.122		
Step 6[f]	WISCSPM	-8.918	233.112	.001	1	.969	.000	.000	3.566E194
	Interpersonal	8.554	202.807	.002	1	.966	5186.988	.000	2.213E176
	stress_management	-4.566	108.027	.002	1	.966	.010	.000	9.330E89
	Living_Arrang			.002	5	1.000			
	Living_Arrang(1)	981.570	46211.610	.000	1	.983	.	.000	.
	Living_Arrang(2)	650.120	15759.667	.002	1	.967	2.206E282	.000	.
	Living_Arrang(3)	565.258	22736.533	.001	1	.980	3.081E245	.000	.
	Living_Arrang(4)	353.348	9837.571	.001	1	.971	2.865E153	.000	.
	Living_Arrang(5)	544.396	12888.561	.002	1	.966	2.681E236	.000	.
	Cigarettes(1)	153.022	4316.558	.001	1	.972	2.860E66	.000	.
	Crime_Convictions(1)	-553.771	13916.215	.002	1	.968	.000	.000	.
	Constant	-4.428	6671.519	.000	1	.999	.012		
Step 7[g]	WISCSPM	-6.287	228.216	.001	1	.978	.002	.000	3.372E191
	Interpersonal	4.867	166.652	.001	1	.977	129.985	.000	9.296E143
	stress_management	-1.819	72.908	.001	1	.980	.162	.000	1.861E61
	Gender(1)	-32.111	2533.841	.000	1	.990	.000	.000	.
	Living_Arrang			.001	5	1.000			
	Living_Arrang(1)	554.471	44078.271	.000	1	.990	6.365E240	.000	.
	Living_Arrang(2)	370.016	13465.839	.001	1	.978	4.963E160	.000	.
	Living_Arrang(3)	292.751	20616.405	.000	1	.989	1.381E127	.000	.
	Living_Arrang(4)	173.566	7141.876	.001	1	.981	2.391E75	.000	.
	Living_Arrang(5)	326.493	11244.134	.001	1	.977	6.227E141	.000	.
	Cigarettes(1)	115.710	4127.465	.001	1	.978	1.788E50	.000	.
	Crime_Convictions(1)	-323.558	11172.619	.001	1	.977	.000	.000	.
	Constant	37.186	6812.775	.000	1	.996	1.411E16		

a. Variable(s) entered on step 1: Living_Arrang.
b. Variable(s) entered on step 2: Interpersonal.
c. Variable(s) entered on step 3: stress_management.
d. Variable(s) entered on step 4: Crime_Convictions.
e. Variable(s) entered on step 5: WISCSPM.
f. Variable(s) entered on step 6: Cigarettes.
g. Variable(s) entered on step 7: Gender.
h. Stepwise procedure stopped because removing the least significant variable result in a previously fitted model.

Model If Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Living_Arrang	-29.568	16.346	5	.006
Step 2	Interpersonal	-21.395	7.648	1	.006
	Living_Arrang	-26.925	18.708	5	.002
Step 3	Interpersonal	-18.011	7.075	1	.008
	stress_management	-17.571	6.196	1	.013
	Living_Arrang	-22.600	16.253	5	.006
Step 4	Interpersonal	-16.135	7.895	1	.005
	stress_management	-17.213	10.049	1	.002

	Living_Arrang	-22.408	20.440	5	.001
	Crime_Convictions	-14.473	4.570	1	.033
Step 5	WISCSPM	-12.188	7.593	1	.006
	Interpersonal	-14.878	12.973	1	.000
	stress_management	-12.237	7.691	1	.006
	Living_Arrang	-22.319	27.854	5	.000
	Crime_Convictions	-14.461	12.139	1	.000
Step 6	WISCSPM	-11.294	22.589	1	.000
	Interpersonal	-14.593	29.186	1	.000
	stress_management	-8.397	16.794	1	.000
	Living_Arrang	-21.513	43.025	5	.000
	Cigarettes	-8.392	16.783	1	.000
	Crime_Convictions	-14.458	28.916	1	.000
Step 7	WISCSPM	-10.553	21.107	1	.000
	Interpersonal	-14.569	29.138	1	.000
	stress_management	-5.628	11.255	1	.001
	Gender	.000	.000	1	.997
	Living_Arrang	-20.447	40.894	5	.000
	Cigarettes	-8.336	16.671	1	.000
	Crime_Convictions	-14.428	28.856	1	.000

Variables not in the Equation[a]

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.141	1	.707
		Income	2.082	4	.721
		Income(1)	.738	1	.390
		Income(2)	.480	1	.488
		Income(3)	.145	1	.703
		Income(4)	.952	1	.329
		WISCSPM	.896	1	.344
		Interpersonal	6.330	1	.012
		Intrapersonal	.240	1	.624
		stress_management	6.163	1	.013
		adaptability	.025	1	.873
		general_mood	.243	1	.622
		extraversion	.683	1	.409
		neuroticism	6.157	1	.013
		psychoticism	.006	1	.938
		Gender(1)	.012	1	.913
		Enjoy_School(1)	.002	1	.962
		Sig_Adult_Fig(1)	.135	1	.713
		Parent_MH(1)	3.635	1	.057
		Parent_Drug(1)	.006	1	.939
		Parent_Alcohol(1)	.406	1	.524
		Parent_Crime(1)	.137	1	.711
		Drug_Use(1)	1.266	1	.261
		Alcohol(1)	1.762	1	.184

		Cigarettes(1)	.607	1	.436
		Crime_Convictions(1)	.855	1	.355
	Overall Statistics		32.744	25	.138
Step 2	Variables	Highest_Grade	.027	1	.868
		Income	4.191	4	.381
		Income(1)	.917	1	.338
		Income(2)	1.350	1	.245
		Income(3)	.010	1	.919
		Income(4)	1.613	1	.204
		WISCSPM	2.177	1	.140
		Intrapersonal	.210	1	.647
		stress_management	5.777	1	.016
		adaptability	.786	1	.375
		general_mood	1.843	1	.175
		extraversion	2.860	1	.091
		neuroticism	4.841	1	.028
		psychoticism	.021	1	.884
		Gender(1)	.060	1	.806
		Enjoy_School(1)	.888	1	.346
		Sig_Adult_Fig(1)	.100	1	.752
		Parent_MH(1)	.543	1	.461
		Parent_Drug(1)	.573	1	.449
		Parent_Alcohol(1)	.500	1	.480
		Parent_Crime(1)	.017	1	.897
		Drug_Use(1)	1.679	1	.195
		Alcohol(1)	.857	1	.355
		Cigarettes(1)	1.367	1	.242
		Crime_Convictions(1)	.672	1	.412
	Overall Statistics		29.971	24	.186
Step 3	Variables	Highest_Grade	.002	1	.962
		Income	7.544	4	.110
		Income(1)	1.451	1	.228
		Income(2)	.783	1	.376
		Income(3)	.947	1	.330
		Income(4)	4.926	1	.026
		WISCSPM	.024	1	.878
		Intrapersonal	.067	1	.795
		adaptability	.253	1	.615
		general_mood	.090	1	.764
		extraversion	2.435	1	.119
		neuroticism	1.187	1	.276
		psychoticism	1.665	1	.197
		Gender(1)	.079	1	.779
		Enjoy_School(1)	.674	1	.412
		Sig_Adult_Fig(1)	.383	1	.536
		Parent_MH(1)	2.049	1	.152
		Parent_Drug(1)	.094	1	.760
		Parent_Alcohol(1)	1.177	1	.278
		Parent_Crime(1)	.073	1	.786
		Drug_Use(1)	.009	1	.926
		Alcohol(1)	1.212	1	.271

		Cigarettes(1)	.001	1	.981
		Crime_Convictions(1)	3.879	1	.049
	Overall Statistics		24.640	23	.369
Step 4	Variables	Highest_Grade	.110	1	.740
		Income	6.713	4	.152
		Income(1)	.994	1	.319
		Income(2)	1.059	1	.303
		Income(3)	2.817	1	.093
		Income(4)	4.063	1	.044
		WISCSPM	7.324	1	.007
		Intrapersonal	.219	1	.640
		adaptability	.000	1	.991
		general_mood	.005	1	.944
		extraversion	.937	1	.333
		neuroticism	.086	1	.769
		psychoticism	.013	1	.911
		Gender(1)	1.381	1	.240
		Enjoy_School(1)	.141	1	.707
		Sig_Adult_Fig(1)	.008	1	.928
		Parent_MH(1)	1.040	1	.308
		Parent_Drug(1)	.463	1	.496
		Parent_Alcohol(1)	.358	1	.550
		Parent_Crime(1)	.073	1	.787
		Drug_Use(1)	2.154	1	.142
		Alcohol(1)	.150	1	.698
		Cigarettes(1)	1.829	1	.176
	Overall Statistics		24.952	22	.299
Step 5	Variables	Highest_Grade	.259	1	.611
		Income	6.592	4	.159
		Income(1)	.504	1	.478
		Income(2)	1.326	1	.250
		Income(3)	4.182	1	.041
		Income(4)	2.591	1	.107
		Intrapersonal	.004	1	.948
		adaptability	.485	1	.486
		general_mood	.750	1	.387
		extraversion	1.242	1	.265
		neuroticism	1.631	1	.202
		psychoticism	.052	1	.820
		Gender(1)	.111	1	.738
		Enjoy_School(1)	.052	1	.820
		Sig_Adult_Fig(1)	.821	1	.365
		Parent_MH(1)	1.053	1	.305
		Parent_Drug(1)	.100	1	.752
		Parent_Alcohol(1)	1.329	1	.249
		Parent_Crime(1)	.193	1	.661
		Drug_Use(1)	9.740	1	.002
		Alcohol(1)	.439	1	.507
		Cigarettes(1)	9.812	1	.002
	Overall Statistics		45.077	21	.002
Step 6	Variables	Highest_Grade	7.059	1	.008
		Income	.	4	.

		Income(1)	.000	1	1.000
		Income(2)	2.933	1	.087
		Income(3)	.863	1	.353
		Income(4)	1.017	1	.313
		Intrapersonal	.024	1	.877
		adaptability	.550	1	.458
		general_mood	.034	1	.853
		extraversion	.023	1	.880
		neuroticism	2.954	1	.086
		psychoticism	.233	1	.630
		Gender(1)	436.647	1	.000
		Enjoy_School(1)	.158	1	.691
		Sig_Adult_Fig(1)	.191	1	.662
		Parent_MH(1)	.541	1	.462
		Parent_Drug(1)	.000	1	1.000
		Parent_Alcohol(1)	.000	1	1.000
		Parent_Crime(1)	.741	1	.389
		Drug_Use(1)	.000	1	1.000
		Alcohol(1)	.000	1	1.000
Step 7	Variables	Highest_Grade	.002	1	.961
		Income	1.823	4	.768
		Income(1)	.000	1	1.000
		Income(2)	.000	1	.998
		Income(3)	.000	1	.988
		Income(4)	.000	1	.989
		Intrapersonal	.001	1	.975
		adaptability	.003	1	.959
		general_mood	.000	1	.987
		extraversion	.001	1	.978
		neuroticism	.000	1	.983
		psychoticism	.000	1	.983
		Enjoy_School(1)	.000	1	.991
		Sig_Adult_Fig(1)	.000	1	.998
		Parent_MH(1)	.000	1	.996
		Parent_Drug(1)	.000	1	.995
		Parent_Alcohol(1)	17118.444	1	.000
		Parent_Crime(1)	.000	1	.992
		Drug_Use(1)	.000	1	.995
		Alcohol(1)	.000	1	.984

a. Residual Chi-Squares are not computed because of redundancies.

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	55.024	-1.699
	2	49.954	-2.306
	3	49.675	-2.492
	4	49.673	-2.508
	5	49.673	-2.508

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 49.673

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			GAD score of 70+		
			Not present	Present	Percentage Correct
Step 0	GAD score of 70+	Not present	86	0	100.0
		Present	7	0	.0
	Overall Percentage				92.5

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.508	.393	40.731	1	.000	.081

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.965	1	.326
		Income	.727	4	.948
		Income(1)	.340	1	.560
		Income(2)	.340	1	.560
		Income(3)	.013	1	.910
		Income(4)	.044	1	.834
		WISCSPM	.001	1	.979
		Interpersonal	3.829	1	.050
		Intrapersonal	3.868	1	.049
		stress_management	6.095	1	.014
		adaptability	1.020	1	.312
		general_mood	10.753	1	.001
		extraversion	3.314	1	.069
		neuroticism	12.195	1	.000

	psychoticism	1.251	1	.263
	Gender(1)	2.704	1	.100
	Enjoy_School(1)	2.145	1	.143
	Living_Arrang	6.036	5	.303
	Living_Arrang(1)	.082	1	.774
	Living_Arrang(2)	4.816	1	.028
	Living_Arrang(3)	.252	1	.615
	Living_Arrang(4)	1.341	1	.247
	Living_Arrang(5)	.125	1	.724
	Sig_Adult_Fig(1)	1.654	1	.198
	Parent_MH(1)	1.654	1	.198
	Parent_Drug(1)	3.527	1	.060
	Parent_Alcohol(1)	.912	1	.340
	Parent_Crime(1)	.001	1	.970
	Drug_Use(1)	.180	1	.672
	Alcohol(1)	.176	1	.675
	Cigarettes(1)	.005	1	.946
	Crime_Convictions(1)	.444	1	.505
Overall Statistics		44.886	30	.040

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients			
			Constant	neuroticism	Interpersonal	general_mood
Step 1	1	50.011	-2.317	.104		
	2	39.230	-3.977	.252		
	3	34.971	-5.828	.437		
	4	33.361	-7.710	.620		
	5	33.014	-9.037	.746		
	6	32.994	-9.448	.784		
	7	32.994	-9.476	.786		
	8	32.994	-9.476	.786		
Step 2	1	48.019	-3.783	.109	.016	
	2	35.517	-7.314	.258	.035	
	3	30.630	-10.763	.437	.052	
	4	28.915	-13.404	.616	.060	
	5	28.530	-14.993	.747	.062	
	6	28.503	-15.512	.792	.063	
	7	28.503	-15.554	.795	.063	
	8	28.503	-15.555	.795	.063	
Step 3	1	44.105	-1.839	.035	.030	-.030

	2	29.666	-3.232	.086	.061	-.060
	3	24.215	-5.196	.185	.089	-.082
	4	22.098	-7.506	.339	.107	-.096
	5	21.436	-9.471	.493	.119	-.105
	6	21.347	-10.456	.574	.125	-.111
	7	21.345	-10.625	.587	.126	-.112
	8	21.345	-10.629	.588	.126	-.112
	9	21.345	-10.629	.588	.126	-.112

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 49.673

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	16.679	1	.000
	Block	16.679	1	.000
	Model	16.679	1	.000
Step 2	Step	4.491	1	.034
	Block	21.170	2	.000
	Model	21.170	2	.000
Step 3	Step	7.158	1	.007
	Block	28.328	3	.000
	Model	28.328	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	32.994[a]	.164	.397
2	28.503[a]	.204	.492
3	21.345[b]	.263	.635

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	5.264	8	.729
2	.977	8	.998
3	3.220	8	.920

Contingency Table for Hosmer and Lemeshow Test

		GAD score of 70+ = Not present		GAD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	5	5.000	0	.000	5
	2	11	10.998	0	.002	11
	3	8	7.997	0	.003	8

	4	13	12.980	0	.020	13
	5	12	11.926	0	.074	12
	6	8	8.834	1	.166	9
	7	6	5.762	0	.238	6
	8	7	6.418	0	.582	7
	9	9	9.174	2	1.826	11
	10	7	6.913	4	4.087	11
Step 2	1	9	8.999	0	.001	9
	2	9	8.998	0	.002	9
	3	9	8.996	0	.004	9
	4	9	8.990	0	.010	9
	5	9	8.964	0	.036	9
	6	9	8.919	0	.081	9
	7	9	8.794	0	.206	9
	8	8	8.505	1	.495	9
	9	9	8.696	1	1.304	10
	10	6	6.138	5	4.862	11
Step 3	1	9	9.000	0	.000	9
	2	9	8.999	0	.001	9
	3	9	8.999	0	.001	9
	4	9	8.998	0	.002	9
	5	9	8.991	0	.009	9
	6	9	8.972	0	.028	9
	7	9	8.921	0	.079	9
	8	8	8.733	1	.267	9
	9	9	8.101	0	.899	9
	10	6	6.287	6	5.713	12

Classification Table[a]

			Predicted		
			GAD score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	GAD score of 70+	Not present	86	0	100.0
		Present	7	0	.0
	Overall Percentage				92.5
Step 2	GAD score of 70+	Not present	85	1	98.8
		Present	5	2	28.6
	Overall Percentage				93.5
Step 3	GAD score of 70+	Not present	85	1	98.8
		Present	3	4	57.1
	Overall Percentage				95.7

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.786	.309	6.470	1	.011	2.195	1.198	4.023
	Constant	-9.476	3.215	8.687	1	.003	.000		
Step 2[b]	Interpersonal	.063	.034	3.469	1	.063	1.065	.997	1.138
	neuroticism	.795	.320	6.193	1	.013	2.215	1.184	4.144
	Constant	-15.555	4.892	10.111	1	.001	.000		
Step 3[c]	Interpersonal	.126	.052	5.739	1	.017	1.134	1.023	1.256
	general_mood	-.112	.049	5.170	1	.023	.894	.812	.985
	neuroticism	.588	.375	2.450	1	.118	1.800	.862	3.757
	Constant	-10.629	6.237	2.904	1	.088	.000		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: Interpersonal.

c. Variable(s) entered on step 3: general_mood.

Correlation Matrix

		Constant	neuroticism	Constant	Interpersonal	neuroticism	general_mood
Step 1	Constant	1.000	-.990				
	neuroticism	-.990	1.000				
Step 2	Constant			1.000	-.745	-.729	
	Interpersonal			-.745	1.000	.097	
	neuroticism			-.729	.097	1.000	
Step 3	Constant			1.000	-.589	-.732	-.112
	Interpersonal			-.589	1.000	.202	-.579
	general_mood			-.112	-.579	-.047	1.000
	neuroticism			-.732	.202	1.000	-.047

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-24.837	16.679	1	.000
Step 2	Interpersonal	-16.497	4.491	1	.034
	neuroticism	-22.757	17.011	1	.000
Step 3	Interpersonal	-15.669	9.993	1	.002
	general_mood	-14.252	7.158	1	.007
	neuroticism	-12.497	3.649	1	.056

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	1.520	1	.218
		Income	1.018	4	.907
		Income(1)	.423	1	.515
		Income(2)	.473	1	.492
		Income(3)	.009	1	.923
		Income(4)	.022	1	.882
		WISCSPM	.031	1	.861
		Interpersonal	4.086	1	.043
		Intrapersonal	.208	1	.648
		stress_management	1.822	1	.177
		adaptability	.020	1	.887
		general_mood	1.475	1	.225
		extraversion	.046	1	.829
		psychoticism	1.801	1	.180
		Gender(1)	.231	1	.631
		Enjoy_School(1)	.952	1	.329
		Living_Arrang	6.172	5	.290
		Living_Arrang(1)	.019	1	.890
		Living_Arrang(2)	4.739	1	.029
		Living_Arrang(3)	.251	1	.616
		Living_Arrang(4)	1.333	1	.248
		Living_Arrang(5)	.246	1	.620
		Sig_Adult_Fig(1)	.781	1	.377
		Parent_MH(1)	1.839	1	.175
		Parent_Drug(1)	3.828	1	.050
		Parent_Alcohol(1)	.371	1	.542
		Parent_Crime(1)	.004	1	.947
		Drug_Use(1)	.047	1	.828
		Alcohol(1)	.220	1	.639
		Cigarettes(1)	.114	1	.736
		Crime_Convictions(1)	.390	1	.532
	Overall Statistics		38.430	29	.113

Step 2	Variables	Highest_Grade	1.056	1	.304
		Income	1.722	4	.787
		Income(1)	.505	1	.477
		Income(2)	.228	1	.633
		Income(3)	.366	1	.545
		Income(4)	.113	1	.736
		WISCSPM	.743	1	.389
		Intrapersonal	.557	1	.456
		stress_management	1.380	1	.240
		adaptability	1.247	1	.264
		general_mood	6.696	1	.010
		extraversion	3.856	1	.050
		psychoticism	2.075	1	.150
		Gender(1)	.016	1	.898
		Enjoy_School(1)	2.916	1	.088
		Living_Arrang	6.100	5	.297
		Living_Arrang(1)	.031	1	.860
		Living_Arrang(2)	4.792	1	.029
		Living_Arrang(3)	.045	1	.831
		Living_Arrang(4)	1.454	1	.228
		Living_Arrang(5)	.404	1	.525
		Sig_Adult_Fig(1)	.696	1	.404
		Parent_MH(1)	.690	1	.406
		Parent_Drug(1)	2.742	1	.098
		Parent_Alcohol(1)	.398	1	.528
		Parent_Crime(1)	.023	1	.879
		Drug_Use(1)	.032	1	.857
		Alcohol(1)	.005	1	.941
		Cigarettes(1)	.100	1	.752
		Crime_Convictions(1)	.043	1	.836
	Overall Statistics		28.585	28	.434
Step 3	Variables	Highest_Grade	.256	1	.613
		Income	3.024	4	.554
		Income(1)	1.969	1	.161
		Income(2)	.035	1	.852
		Income(3)	.365	1	.546
		Income(4)	.029	1	.864
		WISCSPM	.020	1	.886
		Intrapersonal	.145	1	.704
		stress_management	.547	1	.460
		adaptability	.141	1	.708
		extraversion	2.213	1	.137
		psychoticism	.249	1	.618
		Gender(1)	.594	1	.441
		Enjoy_School(1)	.440	1	.507
		Living_Arrang	5.894	5	.317
		Living_Arrang(1)	.006	1	.937
		Living_Arrang(2)	2.871	1	.090
		Living_Arrang(3)	.002	1	.961
		Living_Arrang(4)	1.247	1	.264
		Living_Arrang(5)	2.672	1	.102

Sig_Adult_Fig(1)	.003	1	.957
Parent_MH(1)	.095	1	.757
Parent_Drug(1)	.003	1	.956
Parent_Alcohol(1)	1.983	1	.159
Parent_Crime(1)	.261	1	.609
Drug_Use(1)	.711	1	.399
Alcohol(1)	.058	1	.809
Cigarettes(1)	1.504	1	.220
Crime_Convictions(1)	.626	1	.429
Overall Statistics	22.859	27	.693

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	73.627	-1.484
	2	71.557	-1.854
	3	71.525	-1.908
	4	71.525	-1.910
	5	71.525	-1.910

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 71.525

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Separation Anxiety score of 70+		Percentage Correct
			Not present	Present	
Step 0	Separation Anxiety score of 70+	Not present	81	0	100.0
		Present	12	0	.0
	Overall Percentage				87.1

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.910	.309	38.110	1	.000	.148

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.212	1	.645
		Income	3.164	4	.531
		Income(1)	.619	1	.431
		Income(2)	.619	1	.431
		Income(3)	1.794	1	.180
		Income(4)	.309	1	.578
		WISCSPM	3.016	1	.082
		Interpersonal	1.189	1	.276
		Intrapersonal	1.295	1	.255
		stress_management	2.898	1	.089
		adaptability	.820	1	.365
		general_mood	3.378	1	.066
		extraversion	.801	1	.371
		neuroticism	11.367	1	.001
		psychoticism	.325	1	.569
		Gender(1)	3.613	1	.057
		Enjoy_School(1)	.558	1	.455
		Living_Arrang	12.258	5	.031
		Living_Arrang(1)	6.823	1	.009
		Living_Arrang(2)	1.654	1	.198
		Living_Arrang(3)	.459	1	.498
		Living_Arrang(4)	.028	1	.867
		Living_Arrang(5)	1.725	1	.189
		Sig_Adult_Fig(1)	.174	1	.677
		Parent_MH(1)	1.794	1	.180
		Parent_Drug(1)	.292	1	.589
		Parent_Alcohol(1)	1.660	1	.198
		Parent_Crime(1)	3.324	1	.068
		Drug_Use(1)	9.398	1	.002
		Alcohol(1)	1.240	1	.265
		Cigarettes(1)	5.342	1	.021
		Crime_Convictions(1)	8.357	1	.004
	Overall Statistics		44.235	30	.045

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f,g]

Iteration		-2 Log likelihood	Coefficients				
			Constant	neuroticism	Gender(1)	Interpersonal	psychoticism
Step 1	1	66.485	-2.243	.128			
	2	59.856	-3.560	.255			
	3	58.620	-4.440	.345			
	4	58.536	-4.745	.375			
	5	58.535	-4.773	.378			
	6	58.535	-4.773	.378			
Step 2	1	61.757	-2.834	.151	.782		
	2	50.795	-5.086	.324	1.699		
	3	47.379	-7.117	.484	2.459		
	4	46.850	-8.250	.576	2.804		
	5	46.831	-8.507	.598	2.867		
	6	46.831	-8.518	.599	2.870		
	7	46.831	-8.518	.599	2.870		
Step 3	1	60.255	-4.124	.156	.809	.014	
	2	47.557	-8.040	.340	1.845	.030	
	3	42.581	-12.054	.530	2.901	.046	
	4	41.304	-15.131	.679	3.642	.058	
	5	41.179	-16.424	.744	3.934	.062	
	6	41.177	-16.589	.752	3.969	.063	
	7	41.177	-16.591	.753	3.970	.063	

	8	41.177	-16.591	.753	3.970	.063	
Step 4	1	58.273	-3.691	.170	.988	.011	-.113
	2	43.984	-7.484	.369	2.189	.027	-.233
	3	37.607	-11.973	.586	3.475	.047	-.353
	4	35.166	-16.596	.800	4.688	.069	-.467
	5	34.579	-20.122	.962	5.597	.085	-.552
	6	34.532	-21.466	1.023	5.947	.092	-.584
	7	34.532	-21.601	1.029	5.983	.092	-.587
	8	34.532	-21.602	1.029	5.983	.092	-.587
	9	34.532	-21.602	1.029	5.983	.092	-.587

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 71.525

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

g. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.990	1	.000
	Block	12.990	1	.000
	Model	12.990	1	.000
Step 2	Step	11.704	1	.001
	Block	24.694	2	.000
	Model	24.694	2	.000
Step 3	Step	5.654	1	.017
	Block	30.348	3	.000
	Model	30.348	3	.000
Step 4	Step	6.645	1	.010
	Block	36.993	4	.000
	Model	36.993	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	58.535[a]	.130	.243
2	46.831[b]	.233	.435
3	41.177[c]	.278	.519
4	34.532[d]	.328	.612

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

d. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	14.204	8	.077
2	6.794	8	.559
3	.873	8	.999
4	.704	8	1.000

Contingency Table for Hosmer and Lemeshow Test

		Separation Anxiety score of 70+ = Not present		Separation Anxiety score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	5	4.958	0	.042	5
	2	11	10.866	0	.134	11
	3	8	7.859	0	.141	8
	4	13	12.554	0	.446	13
	5	12	11.229	0	.771	12
	6	5	8.041	4	.959	9

	7	6	5.110	0	.890	6
	8	5	5.582	2	1.418	7
	9	9	8.025	2	2.975	11
	10	7	6.777	4	4.223	11
Step 2	1	9	8.995	0	.005	9
	2	9	8.975	0	.025	9
	3	9	8.940	0	.060	9
	4	9	8.876	0	.124	9
	5	8	7.743	0	.257	8
	6	10	9.436	0	.564	10
	7	8	8.214	1	.786	9
	8	8	10.847	5	2.153	13
	9	7	6.164	2	2.836	9
	10	4	2.809	4	5.191	8
Step 3	1	9	8.999	0	.001	9
	2	9	8.993	0	.007	9
	3	9	8.981	0	.019	9
	4	9	8.952	0	.048	9
	5	9	8.897	0	.103	9
	6	9	8.779	0	.221	9
	7	8	8.413	1	.587	9
	8	8	7.754	1	1.246	9
	9	6	6.406	3	2.594	9
	10	5	4.825	7	7.175	12
Step 4	1	9	9.000	0	.000	9
	2	9	8.999	0	.001	9
	3	10	9.997	0	.003	10
	4	9	8.992	0	.008	9
	5	9	8.979	0	.021	9
	6	9	8.927	0	.073	9
	7	9	8.756	0	.244	9
	8	7	7.575	2	1.425	9
	9	6	6.153	3	2.847	9
	10	4	3.622	7	7.378	11

Classification Table[a]

			Predicted		
			Separation Anxiety score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Separation Anxiety score of 70+	Not present	81	0	100.0
		Present	12	0	.0
	Overall Percentage				87.1
Step 2	Separation Anxiety score of 70+	Not present	77	4	95.1
		Present	8	4	33.3
	Overall Percentage				87.1

Step 3	Separation Anxiety score of 70+	Not present	78	3	96.3
		Present	8	4	33.3
	Overall Percentage				88.2
Step 4	Separation Anxiety score of 70+	Not present	79	2	97.5
		Present	5	7	58.3
	Overall Percentage				92.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.378	.129	8.617	1	.003	1.460	1.134	1.879
	Constant	-4.773	1.189	16.110	1	.000	.008		
Step 2[b]	neuroticism	.599	.183	10.758	1	.001	1.821	1.273	2.605
	Gender(1)	2.870	.986	8.464	1	.004	17.632	2.551	121.879
	Constant	-8.518	2.077	16.817	1	.000	.000		
Step 3[c]	Interpersonal	.063	.029	4.796	1	.029	1.065	1.007	1.127
	neuroticism	.753	.232	10.563	1	.001	2.123	1.348	3.342
	Gender(1)	3.970	1.312	9.158	1	.002	52.984	4.050	693.152
	Constant	-16.591	4.849	11.707	1	.001	.000		
Step 4[d]	Interpersonal	.092	.041	5.077	1	.024	1.097	1.012	1.188
	neuroticism	1.029	.339	9.218	1	.002	2.798	1.440	5.435
	psychoticism	-.587	.270	4.713	1	.030	.556	.327	.945
	Gender(1)	5.983	2.059	8.440	1	.004	396.569	7.004	22452.736
	Constant	-21.602	7.403	8.516	1	.004	.000		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: Gender.

c. Variable(s) entered on step 3: Interpersonal.

d. Variable(s) entered on step 4: psychoticism.

Correlation Matrix

		Constant	neuroticism	Gender(1)	Constant	Interpersonal	neuroticism	Gender(1)	psychoticism
Step 1	Constant	1.000	-.960						
	neuroticism	-.960	1.000						
Step 2	Constant	1.000	-.931	-.716					
	neuroticism	-.931	1.000	.469					
	Gender(1)	-.716	.469	1.000					
Step 3	Constant				1.000	-.869	-.804	-.785	
	Interpersonal				-.869	1.000	.446	.547	
	neuroticism				-.804	.446	1.000	.636	
	Gender(1)				-.785	.547	.636	1.000	
Step 4	Constant				1.000	-.931	-.896	-.893	.545
	Interpersonal				-.931	1.000	.700	.768	-.530
	neuroticism				-.896	.700	1.000	.820	-.568
	psychoticism				.545	-.530	-.568	-.625	1.000
	Gender(1)				-.893	.768	.820	1.000	-.625

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-35.762	12.990	1	.000
Step 2	neuroticism	-33.764	20.696	1	.000
	Gender	-29.268	11.704	1	.001
Step 3	Interpersonal	-23.416	5.654	1	.017
	neuroticism	-32.993	24.808	1	.000
	Gender	-28.443	15.710	1	.000
Step 4	Interpersonal	-21.080	7.628	1	.006
	neuroticism	-32.515	30.498	1	.000
	psychoticism	-20.588	6.645	1	.010
	Gender	-28.067	21.603	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.412	1	.521
		Income	3.613	4	.461
		Income(1)	.808	1	.369
		Income(2)	.983	1	.321
		Income(3)	2.079	1	.149
		Income(4)	.083	1	.774
		WISCSPM	3.159	1	.076
		Interpersonal	1.611	1	.204
		Intrapersonal	.295	1	.587
		stress_management	.047	1	.828
		adaptability	.001	1	.973
		general_mood	.095	1	.758
		extraversion	.112	1	.738
		psychoticism	.836	1	.360
		Gender(1)	10.327	1	.001
		Enjoy_School(1)	.046	1	.830
		Living_Arrang	13.848	5	.017
		Living_Arrang(1)	8.523	1	.004
		Living_Arrang(2)	1.960	1	.162
		Living_Arrang(3)	.575	1	.448
		Living_Arrang(4)	.022	1	.882
		Living_Arrang(5)	1.204	1	.273
		Sig_Adult_Fig(1)	.020	1	.886
		Parent_MH(1)	1.691	1	.194
		Parent_Drug(1)	.125	1	.723
		Parent_Alcohol(1)	1.096	1	.295
		Parent_Crime(1)	2.776	1	.096
		Drug_Use(1)	7.820	1	.005
		Alcohol(1)	.325	1	.569

		Cigarettes(1)	3.956	1	.047
		Crime_Convictions(1)	8.444	1	.004
	Overall Statistics		42.280	29	.053
Step 2	Variables	Highest_Grade	1.480	1	.224
		Income	6.641	4	.156
		Income(1)	3.263	1	.071
		Income(2)	1.486	1	.223
		Income(3)	2.033	1	.154
		Income(4)	.471	1	.493
		WISCSPM	.223	1	.637
		Interpersonal	5.387	1	.020
		Intrapersonal	.794	1	.373
		stress_management	.238	1	.625
		adaptability	.052	1	.820
		general_mood	.941	1	.332
		extraversion	.187	1	.666
		psychoticism	4.304	1	.038
		Enjoy_School(1)	.517	1	.472
		Living_Arrang	8.184	5	.146
		Living_Arrang(1)	4.428	1	.035
		Living_Arrang(2)	1.578	1	.209
		Living_Arrang(3)	1.919	1	.166
		Living_Arrang(4)	.101	1	.750
		Living_Arrang(5)	.020	1	.889
		Sig_Adult_Fig(1)	.231	1	.631
		Parent_MH(1)	.680	1	.409
		Parent_Drug(1)	.483	1	.487
		Parent_Alcohol(1)	2.049	1	.152
		Parent_Crime(1)	3.518	1	.061
		Drug_Use(1)	1.423	1	.233
		Alcohol(1)	.023	1	.881
		Cigarettes(1)	.582	1	.445
		Crime_Convictions(1)	1.251	1	.263
	Overall Statistics		34.801	28	.176
Step 3	Variables	Highest_Grade	.983	1	.321
		Income	7.737	4	.102
		Income(1)	6.834	1	.009
		Income(2)	.475	1	.491
		Income(3)	1.133	1	.287
		Income(4)	.076	1	.783
		WISCSPM	.248	1	.619
		Intrapersonal	1.039	1	.308
		stress_management	1.116	1	.291
		adaptability	.129	1	.720
		general_mood	.071	1	.790
		extraversion	.508	1	.476
		psychoticism	5.667	1	.017
		Enjoy_School(1)	.001	1	.974
		Living_Arrang	4.356	5	.499
		Living_Arrang(1)	2.503	1	.114
		Living_Arrang(2)	.921	1	.337

		Living_Arrang(3)	.657	1	.417
		Living_Arrang(4)	.035	1	.853
		Living_Arrang(5)	.039	1	.843
		Sig_Adult_Fig(1)	.390	1	.532
		Parent_MH(1)	.016	1	.900
		Parent_Drug(1)	1.238	1	.266
		Parent_Alcohol(1)	2.896	1	.089
		Parent_Crime(1)	2.874	1	.090
		Drug_Use(1)	.800	1	.371
		Alcohol(1)	.165	1	.684
		Cigarettes(1)	.333	1	.564
		Crime_Convictions(1)	1.116	1	.291
	Overall Statistics		31.686	27	.244
Step 4	Variables	Highest_Grade	2.095	1	.148
		Income	6.646	4	.156
		Income(1)	5.169	1	.023
		Income(2)	.414	1	.520
		Income(3)	.103	1	.748
		Income(4)	2.488	1	.115
		WISCSPM	1.616	1	.204
		Intrapersonal	.549	1	.459
		stress_management	.522	1	.470
		adaptability	1.652	1	.199
		general_mood	.178	1	.673
		extraversion	.000	1	.985
		Enjoy_School(1)	.114	1	.736
		Living_Arrang	5.137	5	.399
		Living_Arrang(1)	.713	1	.398
		Living_Arrang(2)	2.782	1	.095
		Living_Arrang(3)	.429	1	.512
		Living_Arrang(4)	.001	1	.969
		Living_Arrang(5)	.036	1	.849
		Sig_Adult_Fig(1)	.545	1	.460
		Parent_MH(1)	.003	1	.959
		Parent_Drug(1)	.167	1	.683
		Parent_Alcohol(1)	.972	1	.324
		Parent_Crime(1)	2.148	1	.143
		Drug_Use(1)	2.858	1	.091
		Alcohol(1)	.383	1	.536
		Cigarettes(1)	.959	1	.328
		Crime_Convictions(1)	2.634	1	.105
	Overall Statistics		28.764	26	.322

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	73.627	-1.484
	2	71.557	-1.854
	3	71.525	-1.908
	4	71.525	-1.910
	5	71.525	-1.910

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 71.525

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: PTSD score of 70+ Not present	Predicted: PTSD score of 70+ Present	Percentage Correct
Step 0	PTSD score of 70+	Not present	81	0	100.0
		Present	12	0	.0
	Overall Percentage				87.1

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.910	.309	38.110	1	.000	.148

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.071	1	.791
		Income	1.824	4	.768
		Income(1)	.619	1	.431
		Income(2)	.619	1	.431
		Income(3)	.256	1	.613
		Income(4)	.309	1	.578
		WISCSPM	2.110	1	.146
		Interpersonal	1.980	1	.159
		Intrapersonal	4.591	1	.032
		stress_management	16.680	1	.000
		adaptability	3.389	1	.066
		general_mood	9.596	1	.002
		extraversion	1.464	1	.226

	neuroticism	14.394	1	.000
	psychoticism	3.606	1	.058
	Gender(1)	.368	1	.544
	Enjoy_School(1)	1.985	1	.159
	Living_Arrang	2.233	5	.816
	Living_Arrang(1)	.150	1	.699
	Living_Arrang(2)	1.654	1	.198
	Living_Arrang(3)	.459	1	.498
	Living_Arrang(4)	.028	1	.867
	Living_Arrang(5)	.064	1	.801
	Sig_Adult_Fig(1)	1.794	1	.180
	Parent_MH(1)	5.117	1	.024
	Parent_Drug(1)	1.532	1	.216
	Parent_Alcohol(1)	1.660	1	.198
	Parent_Crime(1)	.198	1	.657
	Drug_Use(1)	5.852	1	.016
	Alcohol(1)	.120	1	.729
	Cigarettes(1)	5.342	1	.021
	Crime_Convictions(1)	.001	1	.982
Overall Statistics		47.759	30	.021

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f]

Iteration		-2 Log likelihood	Coefficients										
			Constant	stress_management	neuroticism	Parent_MH(1)	Income(1)	Income(2)	Income(3)	Income(4)	Cigarettes(1)	Highest_Grade	Parent_Drug(1)
Step 1	1	63.244	1.489	-.031									
	2	54.916	3.634	-.060									
	3	53.235	5.098	-.080									
	4	53.110	5.596	-.087									
	5	53.109	5.644	-.088									
	6	53.109	5.644	-.088									
Step 2	1	60.432	.121	-.022	.091								
	2	49.293	.825	-.044	.195								
	3	45.450	1.113	-.062	.310								
	4	44.550	1.074	-.073	.402								
	5	44.479	1.016	-.076	.437								
	6	44.478	1.008	-.077	.441								
	7	44.478	1.008	-.077	.441								
Step 3	1	57.948	.041	-.023	.086	.863							
	2	45.862	.558	-.043	.192	1.382							
	3	41.558	.624	-.060	.316	1.719							
	4	40.394	.403	-.072	.427	1.912							
	5	40.265	.248	-.076	.479	1.993							
	6	40.263	.224	-.077	.486	2.005							
	7	40.263	.223	-.077	.486	2.005							

Step 4	1	54.628	.457	-.025	.085	1.104	-1.182	-.752	-.550	-.425	
	2	37.260	1.334	-.050	.208	2.266	-3.636	-1.716	-1.289	-.838	
	3	28.181	1.875	-.076	.379	3.670	-6.583	-3.058	-2.301	-1.265	
	4	23.869	2.354	-.106	.581	5.287	-9.669	-4.574	-3.502	-1.754	
	5	22.346	2.896	-.136	.771	6.873	-12.687	-6.075	-4.710	-2.246	
	6	22.066	3.300	-.155	.883	7.899	-14.981	-7.378	-5.550	-2.542	
	7	22.042	3.415	-.160	.909	8.199	-16.351	-8.453	-5.833	-2.613	
	8	22.037	3.422	-.160	.911	8.221	-17.378	-9.459	-5.857	-2.616	
	9	22.035	3.422	-.160	.911	8.221	-18.379	-10.460	-5.858	-2.616	
	10	22.035	3.422	-.160	.911	8.221	-19.379	-11.460	-5.858	-2.616	
	11	22.035	3.422	-.160	.911	8.221	-20.379	-12.460	-5.858	-2.616	
	12	22.035	3.422	-.160	.911	8.221	-21.379	-13.460	-5.858	-2.616	
	13	22.034	3.422	-.160	.911	8.221	-22.379	-14.460	-5.858	-2.616	
	14	22.034	3.422	-.160	.911	8.221	-23.379	-15.460	-5.858	-2.616	
	15	22.034	3.422	-.160	.911	8.221	-24.379	-16.460	-5.858	-2.616	
	16	22.034	3.422	-.160	.911	8.221	-25.379	-17.460	-5.858	-2.616	
	17	22.034	3.422	-.160	.911	8.221	-26.379	-18.460	-5.858	-2.616	
	18	22.034	3.422	-.160	.911	8.221	-27.379	-19.460	-5.858	-2.616	
	19	22.034	3.422	-.160	.911	8.221	-28.379	-20.460	-5.858	-2.616	
	20	22.034	3.422	-.160	.911	8.221	-29.379	-21.460	-5.858	-2.616	
Step 5	1	53.240	-.173	-.020	.088	1.103	-1.242	-1.055	-.708	-.500	.475
	2	34.623	.107	-.041	.212	2.311	-3.754	-2.241	-1.652	-1.063	.976
	3	24.344	-.259	-.062	.402	3.840	-7.063	-3.712	-2.787	-1.669	1.533
	4	18.519	-1.341	-.086	.672	5.841	-10.862	-5.424	-4.191	-2.425	2.248
	5	15.172	-2.943	-.117	1.036	8.554	-15.547	-7.389	-6.077	-3.446	3.248
	6	13.545	-4.632	-.158	1.465	11.891	-21.005	-9.538	-8.374	-4.595	4.455

	7	13.042	-6.068	-.195	1.845	14.961	-26.030	-11.527	-10.512	-5.565	5.486	
	8	12.980	-6.795	-.212	2.026	16.623	-29.119	-12.969	-11.771	-6.003	5.944	
	9	12.977	-6.911	-.215	2.053	17.060	-30.617	-14.033	-12.170	-6.066	6.010	
	10	12.976	-6.915	-.215	2.054	17.092	-31.652	-15.036	-12.205	-6.069	6.012	
	11	12.976	-6.915	-.215	2.054	17.093	-32.652	-16.036	-12.205	-6.069	6.012	
	12	12.976	-6.915	-.215	2.054	17.093	-33.653	-17.036	-12.205	-6.069	6.012	
	13	12.976	-6.915	-.215	2.054	17.093	-34.653	-18.036	-12.205	-6.069	6.012	
	14	12.976	-6.915	-.215	2.054	17.093	-35.653	-19.036	-12.205	-6.069	6.012	
	15	12.976	-6.915	-.215	2.054	17.093	-36.653	-20.036	-12.205	-6.069	6.012	
	16	12.976	-6.915	-.215	2.054	17.093	-37.653	-21.036	-12.205	-6.069	6.012	
	17	12.976	-6.915	-.215	2.054	17.093	-38.653	-22.036	-12.205	-6.069	6.012	
	18	12.976	-6.915	-.215	2.054	17.093	-39.653	-23.036	-12.205	-6.069	6.012	
	19	12.976	-6.915	-.215	2.054	17.093	-40.653	-24.036	-12.205	-6.069	6.012	
	20	12.976	-6.915	-.215	2.054	17.093	-41.653	-25.036	-12.205	-6.069	6.012	
Step 6	1	53.220	-.281	-.020	.088	1.109	-1.259	-1.059	-.710	-.508	.467	.014
	2	34.390	-.530	-.041	.213	2.363	-3.899	-2.263	-1.665	-1.076	.919	.088
	3	23.777	-1.747	-.062	.406	3.975	-7.399	-3.816	-2.808	-1.666	1.414	.199
	4	17.282	-4.419	-.085	.705	6.152	-11.521	-5.703	-4.264	-2.473	2.099	.355
	5	12.565	-9.693	-.116	1.184	9.463	-17.158	-8.047	-6.367	-3.833	3.234	.656
	6	8.818	-19.561	-.167	1.973	14.863	-25.668	-11.205	-9.595	-6.242	5.078	1.280
	7	6.419	-34.051	-.245	3.115	22.735	-37.558	-15.299	-14.304	-9.884	7.573	2.249
	8	5.548	-48.285	-.323	4.275	30.711	-49.561	-19.404	-19.274	-13.458	10.141	3.161
	9	5.352	-59.530	-.371	5.134	36.445	-58.465	-22.621	-23.034	-15.980	12.096	3.832
	10	5.324	-66.234	-.387	5.581	39.268	-63.335	-24.685	-25.108	-17.152	13.104	4.204
	11	5.322	-68.166	-.390	5.706	40.018	-65.354	-25.957	-25.770	-17.428	13.373	4.305
	12	5.322	-68.308	-.391	5.715	40.074	-66.429	-26.976	-25.832	-17.446	13.392	4.313

	13	5.322	-68.309	-.391	5.716	40.074	-67.429	-27.977	-25.832	-17.446	13.392	4.313	
	14	5.322	-68.309	-.391	5.716	40.074	-68.429	-28.977	-25.832	-17.446	13.392	4.313	
	15	5.322	-68.309	-.391	5.716	40.074	-69.429	-29.977	-25.832	-17.446	13.392	4.313	
	16	5.322	-68.309	-.391	5.716	40.074	-70.429	-30.977	-25.832	-17.446	13.392	4.313	
	17	5.322	-68.309	-.391	5.716	40.074	-71.429	-31.977	-25.832	-17.446	13.392	4.313	
	18	5.322	-68.309	-.391	5.716	40.074	-72.429	-32.977	-25.832	-17.446	13.392	4.313	
	19	5.322	-68.309	-.391	5.716	40.074	-73.429	-33.977	-25.832	-17.446	13.392	4.313	
	20	5.322	-68.309	-.391	5.716	40.074	-74.429	-34.977	-25.832	-17.446	13.392	4.313	
Step 7	1	53.191	-.240	-.020	.088	1.144	-1.251	-1.043	-.702	-.506	.483	.010	-.071
	2	34.338	-.443	-.041	.213	2.441	-3.844	-2.257	-1.653	-1.071	.971	.076	-.168
	3	23.769	-1.583	-.062	.406	4.096	-7.325	-3.842	-2.798	-1.664	1.493	.174	-.240
	4	17.351	-4.349	-.084	.700	6.182	-11.490	-5.682	-4.256	-2.464	2.103	.344	-.047
	5	11.924	-10.840	-.121	1.222	9.049	-17.636	-8.031	-6.454	-3.924	3.030	.794	.909
	6	6.411	-24.649	-.199	2.254	14.199	-28.551	-11.712	-10.351	-6.949	4.845	1.841	3.068
	7	2.766	-44.244	-.314	3.787	22.894	-44.392	-16.665	-16.482	-11.556	7.775	3.263	5.376
	8	1.085	-66.492	-.449	5.569	33.252	-62.769	-22.181	-23.505	-16.799	11.232	4.847	8.012
	9	.415	-89.931	-.592	7.456	44.240	-82.186	-27.898	-30.534	-22.263	14.889	6.503	10.866
	10	.157	-114.144	-.738	9.403	55.541	-102.163	-33.730	-37.594	-27.850	18.674	8.204	13.857
	11	.059	-138.927	-.888	11.393	67.037	-122.539	-39.653	-44.759	-33.532	22.561	9.940	16.963
	12	.022	-164.152	-1.039	13.413	78.664	-143.227	-45.651	-52.020	-39.294	26.536	11.706	20.178
	13	.008	-189.702	-1.192	15.455	90.371	-164.146	-51.707	-59.352	-45.117	30.581	13.494	23.488
	14	.003	-215.475	-1.346	17.511	102.125	-185.222	-57.803	-66.732	-50.981	34.676	15.299	26.869
	15	.001	-241.392	-1.501	19.576	113.906	-206.398	-63.924	-74.144	-56.870	38.803	17.114	30.297
	16	.000	-267.400	-1.657	21.646	125.706	-227.635	-70.062	-81.575	-62.772	42.950	18.936	33.751
	17	.000	-293.464	-1.813	23.721	137.518	-248.908	-76.209	-89.018	-68.682	47.107	20.762	37.221
	18	.000	-319.564	-1.969	25.797	149.339	-270.204	-82.363	-96.469	-74.595	51.270	22.590	40.698
	19	.000	-345.688	-2.125	27.876	161.166	-291.515	-88.520	-103.925	-80.510	55.435	24.420	44.181
	20	.000	-371.827	-2.281	29.956	172.997	-312.836	-94.681	-111.385	-86.426	59.601	26.251	47.666

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 71.525

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	18.416	1	.000
	Block	18.416	1	.000
	Model	18.416	1	.000
Step 2	Step	8.631	1	.003
	Block	27.047	2	.000
	Model	27.047	2	.000
Step 3	Step	4.215	1	.040
	Block	31.262	3	.000
	Model	31.262	3	.000
Step 4	Step	18.229	4	.001
	Block	49.491	7	.000
	Model	49.491	7	.000
Step 5	Step	9.059	1	.003
	Block	58.549	8	.000
	Model	58.549	8	.000
Step 6	Step	7.654	1	.006
	Block	66.203	9	.000
	Model	66.203	9	.000
Step 7	Step	5.322	1	.021
	Block	71.525	10	.000
	Model	71.525	10	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	53.109[a]	.180	.335
2	44.478[b]	.252	.470
3	40.263[b]	.285	.532
4	22.034[c]	.413	.769
5	12.976[c]	.467	.871
6	5.322[c]	.509	.949
7	.000[c]	.537	1.000

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	7.501	8	.484
2	7.064	8	.530
3	2.415	8	.966
4	1.827	8	.986
5	.281	8	1.000
6	1.171	8	.997
7	.000	8	1.000

Contingency Table for Hosmer and Lemeshow Test

		PTSD score of 70+ = Not present		PTSD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.962	0	.038	8
	2	9	8.911	0	.089	9
	3	10	9.818	0	.182	10
	4	8	8.750	1	.250	9
	5	7	7.675	1	.325	8
	6	9	8.470	0	.530	9
	7	9	8.121	0	.879	9
	8	7	7.808	2	1.192	9
	9	8	6.666	1	2.334	9
	10	6	6.818	7	6.182	13
Step 2	1	9	8.996	0	.004	9
	2	9	8.989	0	.011	9
	3	9	8.975	0	.025	9
	4	9	8.950	0	.050	9
	5	9	8.866	0	.134	9
	6	9	8.713	0	.287	9
	7	7	8.253	2	.747	9
	8	9	7.595	0	1.405	9
	9	5	7.005	5	2.995	10
	10	6	4.659	5	6.341	11
Step 3	1	9	8.998	0	.002	9
	2	9	8.994	0	.006	9
	3	9	8.983	0	.017	9
	4	9	8.963	0	.037	9
	5	9	8.912	0	.088	9
	6	9	8.797	0	.203	9
	7	8	8.419	1	.581	9
	8	9	7.919	0	1.081	9
	9	6	7.025	4	2.975	10
	10	4	3.990	7	7.010	11
Step 4	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	8.998	0	.002	9
	6	9	8.988	0	.012	9
	7	9	8.937	0	.063	9
	8	8	8.625	1	.375	9
	9	8	7.060	1	1.940	9
	10	2	2.391	10	9.609	12
Step 5	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	9.000	0	.000	9

	7	9	8.999	0	.001	9
	8	9	8.977	0	.023	9
	9	8	7.619	1	1.381	9
	10	1	1.405	11	10.595	12
Step 6	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	9.000	0	.000	9
	7	9	9.000	0	.000	9
	8	9	9.000	0	.000	9
	9	8	8.518	1	.482	9
	10	1	.482	11	11.518	12
Step 7	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	9.000	0	.000	9
	7	9	9.000	0	.000	9
	8	9	9.000	0	.000	9
	9	9	9.000	0	.000	9
	10	0	.000	12	12.000	12

Classification Table[a]

			Predicted		
			PTSD score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	PTSD score of 70+	Not present	81	0	100.0
		Present	12	0	.0
	Overall Percentage				87.1
Step 2	PTSD score of 70+	Not present	78	3	96.3
		Present	8	4	33.3
	Overall Percentage				88.2
Step 3	PTSD score of 70+	Not present	77	4	95.1
		Present	5	7	58.3
	Overall Percentage				90.3
Step 4	PTSD score of 70+	Not present	79	2	97.5
		Present	2	10	83.3
	Overall Percentage				95.7
Step 5	PTSD score of 70+	Not present	80	1	98.8
		Present	2	10	83.3
	Overall Percentage				96.8
Step 6	PTSD score of 70+	Not present	80	1	98.8

		Present	1	11	91.7
	Overall Percentage				97.8
Step 7	PTSD score of 70+	Not present	81	0	100.0
		Present	0	12	100.0
	Overall Percentage				100.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.088	.025	12.332	1	.000	.916	.872	.962
	Constant	5.644	1.999	7.975	1	.005	282.699		
Step 2[b]	stress_management	-.077	.028	7.418	1	.006	.926	.876	.979
	neuroticism	.441	.183	5.776	1	.016	1.554	1.085	2.227
	Constant	1.008	2.646	.145	1	.703	2.741		
Step 3[c]	stress_management	-.077	.030	6.784	1	.009	.926	.874	.981
	neuroticism	.486	.206	5.549	1	.018	1.626	1.085	2.437
	Parent_MH(1)	2.005	1.009	3.948	1	.047	7.429	1.028	53.708
	Constant	.223	2.894	.006	1	.939	1.250		
Step 4[d]	Income			3.287	4	.511			
	Income(1)	-29.379	14563.904	.000	1	.998	.000	.000	.
	Income(2)	-21.460	15851.883	.000	1	.999	.000	.000	.
	Income(3)	-5.858	4.361	1.804	1	.179	.003	.000	14.728
	Income(4)	-2.616	1.730	2.287	1	.130	.073	.002	2.170
	stress_management	-.160	.062	6.734	1	.009	.852	.755	.962
	neuroticism	.911	.353	6.674	1	.010	2.486	1.246	4.961
	Parent_MH(1)	8.221	4.224	3.788	1	.052	3719.691	.944	1.465E7
	Constant	3.422	4.359	.616	1	.432	30.624		
Step 5[e]	Income			3.744	4	.442			
	Income(1)	-41.653	14028.574	.000	1	.998	.000	.000	.
	Income(2)	-25.036	15983.483	.000	1	.999	.000	.000	.
	Income(3)	-12.205	12.722	.920	1	.337	.000	.000	337764.484
	Income(4)	-6.069	3.198	3.601	1	.058	.002	.000	1.220
	stress_management	-.215	.098	4.851	1	.028	.807	.666	.977
	neuroticism	2.054	.959	4.585	1	.032	7.799	1.190	51.115
	Parent_MH(1)	17.093	13.743	1.547	1	.214	2.650E7	.000	1.321E19
	Cigarettes(1)	6.012	2.823	4.536	1	.033	408.473	1.615	103321.069
	Constant	-6.915	6.579	1.105	1	.293	.001		

Step 6[f]	Highest_Grade	4.313	3.286	1.723	1	.189	74.641	.119	46738.728
	Income			2.562	4	.634			
	Income(1)	-74.429	13970.331	.000	1	.996	.000	.000	.
	Income(2)	-34.977	15678.239	.000	1	.998	.000	.000	.
	Income(3)	-25.832	23.775	1.181	1	.277	.000	.000	1.044E9
	Income(4)	-17.446	10.934	2.546	1	.111	.000	.000	53.769
	stress_management	-.391	.203	3.705	1	.054	.677	.454	1.007
	neuroticism	5.716	3.836	2.220	1	.136	303.550	.165	559048.924
	Parent_MH(1)	40.074	24.763	2.619	1	.106	2.535E17	.000	3.034E38
	Cigarettes(1)	13.392	8.873	2.278	1	.131	654812.266	.018	2.340E13
	Constant	-68.309	57.974	1.388	1	.239	.000		
Step 7[g]	Highest_Grade	26.251	1039.464	.001	1	.980	2.517E11	.000	.
	Income			.001	4	1.000			
	Income(1)	-312.836	17727.587	.000	1	.986	.000	.000	.
	Income(2)	-94.681	15974.607	.000	1	.995	.000	.000	.
	Income(3)	-111.385	7183.842	.000	1	.988	.000	.000	.
	Income(4)	-86.426	3644.063	.001	1	.981	.000	.000	.
	stress_management	-2.281	90.720	.001	1	.980	.102	.000	1.699E76
	neuroticism	29.956	1167.271	.001	1	.980	1.023E13	.000	.
	Parent_MH(1)	172.997	6910.025	.001	1	.980	1.354E75	.000	.
	Parent_Drug(1)	47.666	4448.644	.000	1	.991	5.025E20	.000	.
	Cigarettes(1)	59.601	3166.565	.000	1	.985	7.663E25	.000	.
	Constant	-371.827	14417.390	.001	1	.979	.000		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: neuroticism.

c. Variable(s) entered on step 3: Parent_MH.

d. Variable(s) entered on step 4: Income.

e. Variable(s) entered on step 5: Cigarettes.

f. Variable(s) entered on step 6: Highest_Grade.

g. Variable(s) entered on step 7: Parent_Drug.

Correlation Matrix

		Constant	stress_management	neuroticism	Parent_MH(1)	Income(1)	Income(2)	Income(3)	Income(4)	Cigarettes(1)	Highest_Grade	Parent_Drug(1)
Step 1	Constant	1.000	-.984									
	stress_management	-.984	1.000									
Step 2	Constant	1.000	-.758	-.539								
	stress_management	-.758	1.000	-.121								
	neuroticism	-.539	-.121	1.000								
Step 3	Constant	1.000	-.719	-.595	-.133							
	stress_management	-.719	1.000	-.109	-.115							
	neuroticism	-.595	-.109	1.000	.227							
	Parent_MH(1)	-.133	-.115	.227	1.000							
Step 4	Constant	1.000	-.735	-.202	.231	.000	.000	-.146	-.410			
	Income(1)	.000	.000	.000	.000	1.000	.000	.000	.000			
	Income(2)	.000	.000	.000	.000	.000	1.000	.000	.000			
	Income(3)	-.146	.371	-.364	-.714	.000	.000	1.000	.248			
	Income(4)	-.410	.540	-.320	-.295	.000	.000	.248	1.000			
	stress_management	-.735	1.000	-.505	-.554	.000	.000	.371	.540			
	neuroticism	-.202	-.505	1.000	.490	.000	.000	-.364	-.320			
	Parent_MH(1)	.231	-.554	.490	1.000	.000	.000	-.714	-.295			
Step 5	Constant	1.000	.155	-.699	-.285	.000	.000	.208	.270	-.620		
	Income(1)	.000	.001	-.001	-.001	1.000	.000	.001	.001	-.001		
	Income(2)	.000	.000	.000	.000	.000	1.000	.000	.000	.000		
	Income(3)	.208	.377	-.393	-.908	.001	.000	1.000	.317	-.361		
	Income(4)	.270	.728	-.683	-.398	.001	.000	.317	1.000	-.692		
	stress_management	.155	1.000	-.806	-.493	.001	.000	.377	.728	-.704		
	neuroticism	-.699	-.806	1.000	.517	-.001	.000	-.393	-.683	.831		

	Parent_MH(1)	-.285	-.493	.517	1.000	-.001	.000	-.908	-.398	.473		
	Cigarettes(1)	-.620	-.704	.831	.473	-.001	.000	-.361	-.692	1.000		
Step 6	Constant	1.000	.555	-.964	-.911	.002	.001	.627	.807	-.925	-.967	
	Highest_Grade	-.967	-.653	.935	.914	-.002	-.001	-.624	-.858	.925	1.000	
	Income(1)	.002	.002	-.002	-.002	1.000	.000	.002	.002	-.002	-.002	
	Income(2)	.001	.001	-.001	-.001	.000	1.000	.000	.001	-.001	-.001	
	Income(3)	.627	.535	-.666	-.676	.002	.000	1.000	.619	-.627	-.624	
	Income(4)	.807	.821	-.868	-.913	.002	.001	.619	1.000	-.880	-.858	
	stress_management	.555	1.000	-.720	-.794	.002	.001	.535	.821	-.712	-.653	
	neuroticism	-.964	-.720	1.000	.964	-.002	-.001	-.666	-.868	.933	.935	
	Parent_MH(1)	-.911	-.794	.964	1.000	-.002	-.001	-.676	-.913	.932	.914	
	Cigarettes(1)	-.925	-.712	.933	.932	-.002	-.001	-.627	-.880	1.000	.925	
Step 7	Constant	1.000	.770	-.918	-.770	.563	.154	.444	.738	-.656	-.923	-.509
	Highest_Grade	-.923	-.885	.833	.762	-.578	-.173	-.464	-.837	.699	1.000	.514
	Income(1)	.563	.577	-.565	-.512	1.000	.109	.299	.554	-.401	-.578	-.321
	Income(2)	.154	.179	-.158	-.145	.109	1.000	.092	.170	-.119	-.173	-.089
	Income(3)	.444	.473	-.460	-.399	.299	.092	1.000	.442	-.296	-.464	-.251
	Income(4)	.738	.890	-.739	-.763	.554	.170	.442	1.000	-.682	-.837	-.432
	stress_management	.770	1.000	-.849	-.753	.577	.179	.473	.890	-.529	-.885	-.507
	neuroticism	-.918	-.849	1.000	.761	-.565	-.158	-.460	-.739	.408	.833	.520
	Parent_MH(1)	-.770	-.753	.761	1.000	-.512	-.145	-.399	-.763	.585	.762	-.021
	Parent_Drug(1)	-.509	-.507	.520	-.021	-.321	-.089	-.251	-.432	.273	.514	1.000
	Cigarettes(1)	-.656	-.529	.408	.585	-.401	-.119	-.296	-.682	1.000	.699	.273

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-35.762	18.416	1	.000
Step 2	stress_management	-27.147	9.815	1	.002
	neuroticism	-26.555	8.631	1	.003
Step 3	stress_management	-24.770	9.276	1	.002
	neuroticism	-24.510	8.758	1	.003
	Parent_MH	-22.239	4.215	1	.040
Step 4	Income	-20.132	18.229	4	.001
	stress_management	-18.701	15.368	1	.000
	neuroticism	-18.294	14.553	1	.000
	Parent_MH	-19.039	16.044	1	.000
Step 5	Income	-19.221	25.465	4	.000
	stress_management	-12.423	11.870	1	.001
	neuroticism	-16.756	20.536	1	.000
	Parent_MH	-17.599	22.223	1	.000
	Cigarettes	-11.017	9.059	1	.003
Step 6	Highest_Grade	-6.488	7.654	1	.006
	Income	-19.161	33.000	4	.000
	stress_management	-11.247	17.172	1	.000
	neuroticism	-16.639	27.957	1	.000
	Parent_MH	-17.406	29.490	1	.000
	Cigarettes	-9.447	13.573	1	.000
Step 7	Highest_Grade	-6.486	12.972	1	.000
	Income	-18.926	37.852	4	.000
	stress_management	-10.959	21.919	1	.000
	neuroticism	-16.615	33.230	1	.000
	Parent_MH	-16.179	32.358	1	.000
	Parent_Drug	-2.661	5.322	1	.021
	Cigarettes	-7.219	14.437	1	.000

Variables not in the Equation[a]

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.157	1	.692
		Income	3.878	4	.423
		Income(1)	1.011	1	.315
		Income(2)	1.047	1	.306
		Income(3)	.032	1	.858
		Income(4)	.756	1	.385
		WISCSPM	.316	1	.574
		Interpersonal	3.825	1	.050
		Intrapersonal	.472	1	.492
		adaptability	1.271	1	.260
		general_mood	3.661	1	.056
		extraversion	.726	1	.394

		neuroticism	7.346	1	.007
		psychoticism	.256	1	.613
		Gender(1)	1.975	1	.160
		Enjoy_School(1)	.021	1	.886
		Living_Arrang	1.252	5	.940
		Living_Arrang(1)	.003	1	.954
		Living_Arrang(2)	.037	1	.848
		Living_Arrang(3)	.376	1	.540
		Living_Arrang(4)	.356	1	.551
		Living_Arrang(5)	.492	1	.483
		Sig_Adult_Fig(1)	1.831	1	.176
		Parent_MH(1)	4.579	1	.032
		Parent_Drug(1)	.406	1	.524
		Parent_Alcohol(1)	1.561	1	.212
		Parent_Crime(1)	.074	1	.786
		Drug_Use(1)	.744	1	.388
		Alcohol(1)	.072	1	.789
		Cigarettes(1)	.651	1	.420
		Crime_Convictions(1)	2.192	1	.139
	Overall Statistics		38.301	29	.116
Step 2	Variables	Highest_Grade	.306	1	.580
		Income	4.841	4	.304
		Income(1)	1.673	1	.196
		Income(2)	1.575	1	.209
		Income(3)	.239	1	.625
		Income(4)	.189	1	.664
		WISCSPM	.016	1	.899
		Interpersonal	2.380	1	.123
		Intrapersonal	.055	1	.815
		adaptability	1.032	1	.310
		general_mood	.873	1	.350
		extraversion	.019	1	.891
		psychoticism	.008	1	.928
		Gender(1)	.007	1	.931
		Enjoy_School(1)	.106	1	.745
		Living_Arrang	1.249	5	.940
		Living_Arrang(1)	.003	1	.956
		Living_Arrang(2)	.056	1	.814
		Living_Arrang(3)	.285	1	.594
		Living_Arrang(4)	.406	1	.524
		Living_Arrang(5)	.717	1	.397
		Sig_Adult_Fig(1)	2.023	1	.155
		Parent_MH(1)	4.544	1	.033
		Parent_Drug(1)	.955	1	.329
		Parent_Alcohol(1)	1.791	1	.181
		Parent_Crime(1)	.434	1	.510
		Drug_Use(1)	1.502	1	.220
		Alcohol(1)	.627	1	.429
		Cigarettes(1)	1.025	1	.311

		Crime_Convictions(1)	1.047	1	.306
	Overall Statistics		33.668	28	.212
Step 3	Variables	Highest_Grade	.005	1	.944
		Income	13.967	4	.007
		Income(1)	8.593	1	.003
		Income(2)	1.168	1	.280
		Income(3)	.837	1	.360
		Income(4)	.151	1	.697
		WISCSPM	.297	1	.586
		Interpersonal	.881	1	.348
		Intrapersonal	.277	1	.599
		adaptability	1.330	1	.249
		general_mood	.319	1	.572
		extraversion	.054	1	.816
		psychoticism	.002	1	.963
		Gender(1)	.231	1	.631
		Enjoy_School(1)	.098	1	.754
		Living_Arrang	5.753	5	.331
		Living_Arrang(1)	.002	1	.966
		Living_Arrang(2)	.000	1	.987
		Living_Arrang(3)	.184	1	.668
		Living_Arrang(4)	.504	1	.478
		Living_Arrang(5)	4.890	1	.027
		Sig_Adult_Fig(1)	4.248	1	.039
		Parent_Drug(1)	.009	1	.926
		Parent_Alcohol(1)	4.134	1	.042
		Parent_Crime(1)	.022	1	.881
		Drug_Use(1)	1.756	1	.185
		Alcohol(1)	.050	1	.823
		Cigarettes(1)	1.785	1	.182
		Crime_Convictions(1)	1.226	1	.268
	Overall Statistics		26.529	27	.489
Step 4	Variables	Highest_Grade	2.971	1	.085
		WISCSPM	1.435	1	.231
		Interpersonal	.218	1	.640
		Intrapersonal	.072	1	.788
		adaptability	.648	1	.421
		general_mood	.053	1	.818
		extraversion	.807	1	.369
		psychoticism	1.022	1	.312
		Gender(1)	.849	1	.357
		Enjoy_School(1)	.287	1	.592
		Living_Arrang	.648	5	.986
		Living_Arrang(1)	.000	1	.997
		Living_Arrang(2)	.021	1	.885
		Living_Arrang(3)	.009	1	.924
		Living_Arrang(4)	.174	1	.677
		Living_Arrang(5)	.361	1	.548
		Sig_Adult_Fig(1)	2.271	1	.132
		Parent_Drug(1)	.218	1	.641
		Parent_Alcohol(1)	.119	1	.730
		Parent_Crime(1)	.804	1	.370

		Drug_Use(1)	6.290	1	.012
		Alcohol(1)	.273	1	.601
		Cigarettes(1)	7.186	1	.007
		Crime_Convictions(1)	.532	1	.466
Step 5	Variables	Highest_Grade	4.625	1	.032
		WISCSPM	.224	1	.636
		Interpersonal	.107	1	.744
		Intrapersonal	.335	1	.563
		adaptability	.071	1	.789
		general_mood	.009	1	.924
		extraversion	2.602	1	.107
		psychoticism	1.209	1	.272
		Gender(1)	.524	1	.469
		Enjoy_School(1)	.060	1	.806
		Living_Arrang	3.939	5	.558
		Living_Arrang(1)	.000	1	.999
		Living_Arrang(2)	.000	1	.993
		Living_Arrang(3)	.000	1	.999
		Living_Arrang(4)	3.354	1	.067
		Living_Arrang(5)	.316	1	.574
		Sig_Adult_Fig(1)	.153	1	.695
		Parent_Drug(1)	.004	1	.949
		Parent_Alcohol(1)	.001	1	.977
		Parent_Crime(1)	.149	1	.700
		Drug_Use(1)	.116	1	.733
		Alcohol(1)	.212	1	.645
		Crime_Convictions(1)	.313	1	.576
Step 6	Variables	WISCSPM	3.111	1	.078
		Interpersonal	1.858	1	.173
		Intrapersonal	1.580	1	.209
		adaptability	1.797	1	.180
		general_mood	1.268	1	.260
		extraversion	.005	1	.944
		psychoticism	3.706	1	.054
		Gender(1)	4.450	1	.035
		Enjoy_School(1)	.005	1	.941
		Living_Arrang	4.181	5	.524
		Living_Arrang(1)	.000	1	1.000
		Living_Arrang(2)	.407	1	.524
		Living_Arrang(3)	.000	1	1.000
		Living_Arrang(4)	4.151	1	.042
		Living_Arrang(5)	.472	1	.492
		Sig_Adult_Fig(1)	.001	1	.976
		Parent_Drug(1)	4.504	1	.034
		Parent_Alcohol(1)	.000	1	1.000
		Parent_Crime(1)	.357	1	.550
		Drug_Use(1)	.171	1	.679
		Alcohol(1)	.057	1	.811
		Crime_Convictions(1)	4.121	1	.042
Step 7	Variables	WISCSPM	.000	1	.991
		Interpersonal	.000	1	.997
		Intrapersonal	.000	1	.992

adaptability	.000	1	.996
general_mood	.000	1	.998
extraversion	.000	1	.991
psychoticism	.000	1	.999
Gender(1)	.001	1	.977
Enjoy_School(1)	.000	1	1.000
Living_Arrang	.000	5	1.000
Living_Arrang(1)	.000	1	1.000
Living_Arrang(2)	.000	1	.991
Living_Arrang(3)	.000	1	1.000
Living_Arrang(4)	.000	1	.998
Living_Arrang(5)	.000	1	.995
Sig_Adult_Fig(1)	.000	1	1.000
Parent_Alcohol(1)	.000	1	1.000
Parent_Crime(1)	.000	1	.990
Drug_Use(1)	.000	1	.997
Alcohol(1)	.000	1	.993
Crime_Convictions(1)	.000	1	1.000

a. Residual Chi-Squares are not computed because of redundancies.

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	62.837	-1.613
	2	59.257	-2.114
	3	59.136	-2.228
	4	59.136	-2.234
	5	59.136	-2.234

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 59.136

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Dysthymia score of 70+		
			Not present	Present	Percentage Correct
Step 0	Dysthymia score of 70+	Not present	84	0	100.0
		Present	9	0	.0
	Overall Percentage				90.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.234	.351	40.555	1	.000	.107

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.008	1	.929
		Income	2.799	4	.592
		Income(1)	.448	1	.503
		Income(2)	.448	1	.503
		Income(3)	.028	1	.866
		Income(4)	1.337	1	.248
		WISCSPM	.389	1	.533
		Interpersonal	.151	1	.697
		Intrapersonal	2.506	1	.113
		stress_management	8.323	1	.004
		adaptability	1.905	1	.168
		general_mood	18.305	1	.000

	extraversion	7.765	1	.005
	neuroticism	16.717	1	.000
	psychoticism	.482	1	.488
	Gender(1)	5.257	1	.022
	Enjoy_School(1)	2.475	1	.116
	Living_Arrang	1.360	5	.929
	Living_Arrang(1)	.108	1	.742
	Living_Arrang(2)	.184	1	.668
	Living_Arrang(3)	.332	1	.564
	Living_Arrang(4)	.121	1	.728
	Living_Arrang(5)	.434	1	.510
	Sig_Adult_Fig(1)	.770	1	.380
	Parent_MH(1)	.028	1	.866
	Parent_Drug(1)	.211	1	.646
	Parent_Alcohol(1)	1.201	1	.273
	Parent_Crime(1)	.163	1	.687
	Drug_Use(1)	.020	1	.887
	Alcohol(1)	.532	1	.466
	Cigarettes(1)	.001	1	.982
	Crime_Convictions(1)	3.274	1	.070
Overall Statistics		51.585	30	.008

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients				
			Constant	general_mood	neuroticism	Crime_Convictions(1)	WISCSPM
Step 1	1	53.690	1.284	-.031			
	2	42.419	3.803	-.067			
	3	38.639	6.268	-.102			
	4	37.737	7.990	-.127			
	5	37.652	8.681	-.137			
	6	37.651	8.769	-.138			
	7	37.651	8.770	-.138			
	8	37.651	8.770	-.138			
Step 2	1	51.700	-.145	-.021	.082		
	2	38.471	.407	-.043	.189		
	3	32.808	.469	-.063	.330		
	4	30.555	-.008	-.079	.489		
	5	30.007	-.621	-.089	.616		
	6	29.966	-.895	-.092	.663		
	7	29.966	-.921	-.092	.667		
	8	29.966	-.922	-.092	.667		
Step 3	1	49.059	.225	-.023	.081	-.671	
	2	33.984	1.047	-.046	.182	-1.504	
	3	27.128	1.363	-.067	.314	-2.494	
	4	23.986	1.174	-.086	.475	-3.589	

	5	22.879	.883	-.103	.626	-4.731	
	6	22.665	.793	-.113	.703	-5.823	
	7	22.629	.798	-.115	.715	-6.845	
	8	22.616	.799	-.115	.716	-7.848	
	9	22.612	.799	-.115	.716	-8.850	
	10	22.610	.799	-.115	.716	-9.850	
	11	22.609	.799	-.115	.716	-10.850	
	12	22.609	.799	-.115	.716	-11.850	
	13	22.609	.799	-.115	.716	-12.850	
	14	22.609	.799	-.115	.716	-13.850	
	15	22.609	.799	-.115	.716	-14.850	
	16	22.609	.799	-.115	.716	-15.850	
	17	22.609	.799	-.115	.716	-16.850	
	18	22.609	.799	-.115	.716	-17.850	
	19	22.609	.799	-.115	.716	-18.850	
	20	22.609	.799	-.115	.716	-19.850	
Step 4	1	47.654	1.604	-.020	.087	-1.047	-.016
	2	30.778	3.864	-.038	.214	-2.365	-.037
	3	22.061	5.535	-.050	.405	-3.954	-.062
	4	17.122	6.684	-.062	.669	-5.891	-.091
	5	14.489	7.372	-.074	1.006	-8.235	-.124
	6	13.425	7.200	-.083	1.370	-10.583	-.153
	7	13.177	6.585	-.088	1.632	-12.418	-.171
	8	13.149	6.362	-.089	1.713	-13.673	-.176
	9	13.142	6.348	-.089	1.718	-14.694	-.177
	10	13.140	6.348	-.089	1.718	-15.695	-.177
	11	13.139	6.348	-.089	1.718	-16.696	-.177
	12	13.139	6.348	-.089	1.718	-17.696	-.177
	13	13.139	6.348	-.089	1.718	-18.696	-.177

14	13.139	6.348	-.089	1.718	-19.696	-.177
15	13.139	6.348	-.089	1.718	-20.696	-.177
16	13.139	6.348	-.089	1.718	-21.696	-.177
17	13.139	6.348	-.089	1.718	-22.696	-.177
18	13.139	6.348	-.089	1.718	-23.696	-.177
19	13.139	6.348	-.089	1.718	-24.696	-.177
20	13.139	6.348	-.089	1.718	-25.696	-.177

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 59.136

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	21.486	1	.000
	Block	21.486	1	.000
	Model	21.486	1	.000
Step 2	Step	7.685	1	.006
	Block	29.170	2	.000
	Model	29.170	2	.000
Step 3	Step	7.357	1	.007
	Block	36.527	3	.000
	Model	36.527	3	.000
Step 4	Step	9.470	1	.002
	Block	45.997	4	.000
	Model	45.997	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	37.651[a]	.206	.438
2	29.966[a]	.269	.572
3	22.609[b]	.325	.690
4	13.139[b]	.390	.829

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	8.433	8	.392
2	.982	8	.998
3	.303	8	1.000
4	.830	8	.999

Contingency Table for Hosmer and Lemeshow Test

		Dysthymia score of 70+ = Not present		Dysthymia score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	10	9.993	0	.007	10
	2	9	8.988	0	.012	9
	3	10	9.969	0	.031	10
	4	10	9.927	0	.073	10
	5	9	8.886	0	.114	9
	6	9	8.799	0	.201	9
	7	8	9.550	2	.450	10
	8	9	7.842	0	1.158	9
	9	3	2.303	0	.697	3
	10	7	7.743	7	6.257	14

Step 2	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	8.998	0	.002	9
	4	9	8.994	0	.006	9
	5	9	8.982	0	.018	9
	6	9	8.959	0	.041	9
	7	9	8.866	0	.134	9
	8	8	8.466	1	.534	9
	9	7	7.461	2	1.539	9
	10	6	5.274	6	6.726	12
Step 3	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	8.999	0	.001	9
	6	9	8.994	0	.006	9
	7	9	8.979	0	.021	9
	8	9	8.868	0	.132	9
	9	8	8.399	2	1.601	10
	10	4	3.762	7	7.238	11
Step 4	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	9.000	0	.000	9
	4	9	9.000	0	.000	9
	5	9	9.000	0	.000	9
	6	9	9.000	0	.000	9
	7	9	9.000	0	.000	9
	8	9	8.991	0	.009	9
	9	8	8.549	1	.451	9
	10	4	3.461	8	8.539	12

Classification Table[a]

			Predicted		
			Dysthymia score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Dysthymia score of 70+	Not present	84	0	100.0
		Present	9	0	.0
	Overall Percentage				90.3
Step 2	Dysthymia score of 70+	Not present	81	3	96.4
		Present	5	4	44.4
	Overall Percentage				91.4
Step 3	Dysthymia score of 70+	Not present	81	3	96.4
		Present	3	6	66.7

	Overall Percentage				93.5
Step 4	Dysthymia score of 70+	Not present	83	1	98.8
		Present	2	7	77.8
	Overall Percentage				96.8

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	general_mood	-.138	.044	10.005	1	.002	.871	.799	.949
	Constant	8.770	3.148	7.763	1	.005	6440.153		
Step 2[b]	general_mood	-.092	.050	3.450	1	.063	.912	.827	1.005
	neuroticism	.667	.326	4.195	1	.041	1.948	1.029	3.687
	Constant	-.922	5.374	.029	1	.864	.398		
Step 3[c]	general_mood	-.115	.059	3.813	1	.051	.892	.795	1.000
	neuroticism	.716	.351	4.159	1	.041	2.046	1.028	4.070
	Crime_Convictions(1)	-19.850	6720.682	.000	1	.998	.000	.000	.
	Constant	.799	5.566	.021	1	.886	2.223		
Step 4[d]	WISCSPM	-.177	.080	4.933	1	.026	.838	.717	.979
	general_mood	-.089	.069	1.648	1	.199	.915	.799	1.048
	neuroticism	1.718	.864	3.957	1	.047	5.573	1.026	30.284
	Crime_Convictions(1)	-25.696	5828.381	.000	1	.996	.000	.000	.
	Constant	6.348	8.538	.553	1	.457	571.323		

a. Variable(s) entered on step 1: general_mood.

b. Variable(s) entered on step 2: neuroticism.

c. Variable(s) entered on step 3: Crime_Convictions.

d. Variable(s) entered on step 4: WISCSPM.

Correlation Matrix

		Constant	general_mood	neuroticism	Constant	general_mood	neuroticism	Crime_Convictions(1)	WISCSPM
Step 1	Constant	1.000	-.991						
	general_mood	-.991	1.000						
Step 2	Constant	1.000	-.792	-.754					
	general_mood	-.792	1.000	.204					
	neuroticism	-.754	.204	1.000					
Step 3	Constant				1.000	-.773	-.635	.000	
	general_mood				-.773	1.000	.009	.000	
	neuroticism				-.635	.009	1.000	.000	
	Crime_Convictions(1)				.000	.000	.000	1.000	
Step 4	Constant				1.000	-.685	-.379	.000	-.186
	WISCSPM				-.186	.045	-.744	.001	1.000
	general_mood				-.685	1.000	.037	.000	.045
	neuroticism				-.379	.037	1.000	.000	-.744
	Crime_Convictions(1)				.000	.000	.000	1.000	.001

Model If Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	general_mood	-29.568	21.486	1	.000
Step 2	general_mood	-17.676	5.386	1	.020
	neuroticism	-18.825	7.685	1	.006
Step 3	general_mood	-14.764	6.919	1	.009
	neuroticism	-14.889	7.169	1	.007
	Crime_Convictions	-14.983	7.357	1	.007
Step 4	WISCSPM	-11.305	9.470	1	.002
	general_mood	-7.923	2.708	1	.100
	neuroticism	-13.636	14.133	1	.000
	Crime_Convictions	-14.780	16.421	1	.000

Variables not in the Equation[a]

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.073	1	.787
		Income	5.362	4	.252
		Income(1)	.903	1	.342
		Income(2)	.875	1	.350
		Income(3)	.006	1	.938
		Income(4)	2.377	1	.123
		WISCSPM	.045	1	.832
		Interpersonal	4.530	1	.033
		Intrapersonal	1.107	1	.293
		stress_management	2.298	1	.130
		adaptability	.871	1	.351
		extraversion	.228	1	.633
		neuroticism	5.907	1	.015
		psychoticism	.234	1	.628
		Gender(1)	4.266	1	.039
		Enjoy_School(1)	.079	1	.778
		Living_Arrang	3.151	5	.677
		Living_Arrang(1)	.004	1	.948
		Living_Arrang(2)	.047	1	.829
		Living_Arrang(3)	.050	1	.822
		Living_Arrang(4)	.000	1	.992
		Living_Arrang(5)	2.376	1	.123
		Sig_Adult_Fig(1)	.088	1	.767
		Parent_MH(1)	.197	1	.657
		Parent_Drug(1)	.050	1	.823
		Parent_Alcohol(1)	.996	1	.318
		Parent_Crime(1)	.561	1	.454
		Drug_Use(1)	1.236	1	.266
		Alcohol(1)	.001	1	.971

		Cigarettes(1)	1.497	1	.221
		Crime_Convictions(1)	5.436	1	.020
	Overall Statistics		26.069	29	.622
Step 2	Variables	Highest_Grade	.061	1	.805
		Income	3.908	4	.419
		Income(1)	.890	1	.345
		Income(2)	.349	1	.555
		Income(3)	.422	1	.516
		Income(4)	1.175	1	.278
		WISCSPM	.400	1	.527
		Interpersonal	2.714	1	.099
		Intrapersonal	1.506	1	.220
		stress_management	3.197	1	.074
		adaptability	.184	1	.668
		extraversion	.097	1	.756
		psychoticism	.659	1	.417
		Gender(1)	2.833	1	.092
		Enjoy_School(1)	.170	1	.680
		Living_Arrang	2.997	5	.701
		Living_Arrang(1)	.003	1	.955
		Living_Arrang(2)	.104	1	.747
		Living_Arrang(3)	.098	1	.754
		Living_Arrang(4)	.011	1	.918
		Living_Arrang(5)	2.507	1	.113
		Sig_Adult_Fig(1)	.009	1	.924
		Parent_MH(1)	.346	1	.556
		Parent_Drug(1)	.000	1	.996
		Parent_Alcohol(1)	.900	1	.343
		Parent_Crime(1)	.503	1	.478
		Drug_Use(1)	.582	1	.445
		Alcohol(1)	.004	1	.950
		Cigarettes(1)	.494	1	.482
		Crime_Convictions(1)	5.251	1	.022
	Overall Statistics		24.145	28	.674
Step 3	Variables	Highest_Grade	1.849	1	.174
		Income	2.333	4	.675
		Income(1)	.105	1	.746
		Income(2)	.493	1	.483
		Income(3)	.041	1	.839
		Income(4)	1.422	1	.233
		WISCSPM	8.028	1	.005
		Interpersonal	2.490	1	.115
		Intrapersonal	2.334	1	.127
		stress_management	7.253	1	.007
		adaptability	.312	1	.577
		extraversion	.372	1	.542
		psychoticism	1.709	1	.191
		Gender(1)	.036	1	.850
		Enjoy_School(1)	1.451	1	.228
		Living_Arrang	1.470	5	.917
		Living_Arrang(1)	.000	1	1.000

		Living_Arrang(2)	.162	1	.687
		Living_Arrang(3)	.000	1	.993
		Living_Arrang(4)	.121	1	.728
		Living_Arrang(5)	.981	1	.322
		Sig_Adult_Fig(1)	.239	1	.625
		Parent_MH(1)	.089	1	.766
		Parent_Drug(1)	.014	1	.904
		Parent_Alcohol(1)	.092	1	.762
		Parent_Crime(1)	.182	1	.669
		Drug_Use(1)	.958	1	.328
		Alcohol(1)	.103	1	.748
		Cigarettes(1)	.400	1	.527
Step 4	Variables	Highest_Grade	.002	1	.966
		Income	2.511	4	.643
		Income(1)	.006	1	.939
		Income(2)	.023	1	.879
		Income(3)	1.126	1	.289
		Income(4)	1.703	1	.192
		Interpersonal	2.470	1	.116
		Intrapersonal	.900	1	.343
		stress_management	1.975	1	.160
		adaptability	2.682	1	.101
		extraversion	.018	1	.893
		psychoticism	1.042	1	.307
		Gender(1)	.163	1	.686
		Enjoy_School(1)	.072	1	.789
		Living_Arrang	1.543	5	.908
		Living_Arrang(1)	.000	1	1.000
		Living_Arrang(2)	.057	1	.812
		Living_Arrang(3)	.000	1	1.000
		Living_Arrang(4)	.195	1	.659
		Living_Arrang(5)	1.412	1	.235
		Sig_Adult_Fig(1)	.134	1	.715
		Parent_MH(1)	1.272	1	.259
		Parent_Drug(1)	1.570	1	.210
		Parent_Alcohol(1)	.006	1	.938
		Parent_Crime(1)	.369	1	.544
		Drug_Use(1)	.081	1	.776
		Alcohol(1)	1.769	1	.184
		Cigarettes(1)	.401	1	.527

a. Residual Chi-Squares are not computed because of redundancies.

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	62.837	-1.613
	2	59.257	-2.114
	3	59.136	-2.228
	4	59.136	-2.234
	5	59.136	-2.234

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 59.136

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Manic score of 70+ Not present	Predicted: Manic score of 70+ Present	Percentage Correct
Step 0	Manic score of 70+	Not present	84	0	100.0
		Present	9	0	.0
	Overall Percentage				90.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.234	.351	40.555	1	.000	.107

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	3.013	1	.083
		Income	6.162	4	.187
		Income(1)	.448	1	.503
		Income(2)	1.123	1	.289
		Income(3)	.028	1	.866
		Income(4)	4.419	1	.036
		WISCSPM	7.677	1	.006
		Interpersonal	.860	1	.354
		Intrapersonal	4.156	1	.041
		stress_management	9.354	1	.002
		adaptability	.463	1	.496
		general_mood	.188	1	.664
		extraversion	.302	1	.583
		neuroticism	3.554	1	.059

	psychoticism	7.601	1	.006
	Gender(1)	.303	1	.582
	Enjoy_School(1)	2.475	1	.116
	Living_Arrang	12.070	5	.034
	Living_Arrang(1)	.108	1	.742
	Living_Arrang(2)	9.534	1	.002
	Living_Arrang(3)	1.985	1	.159
	Living_Arrang(4)	.121	1	.728
	Living_Arrang(5)	.434	1	.510
	Sig_Adult_Fig(1)	.770	1	.380
	Parent_MH(1)	.770	1	.380
	Parent_Drug(1)	.110	1	.740
	Parent_Alcohol(1)	.001	1	.971
	Parent_Crime(1)	.163	1	.687
	Drug_Use(1)	4.232	1	.040
	Alcohol(1)	2.558	1	.110
	Cigarettes(1)	2.061	1	.151
	Crime_Convictions(1)	5.086	1	.024
Overall Statistics		34.869	30	.247

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	stress_management
Step 1	1	58.137	.350	-.021
	2	50.709	1.931	-.044
	3	49.330	3.209	-.062
	4	49.234	3.631	-.068
	5	49.233	3.670	-.068
	6	49.233	3.670	-.068

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 59.136

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	9.903	1	.002
	Block	9.903	1	.002
	Model	9.903	1	.002

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	49.233[a]	.101	.215

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	9.762	8	.282

Contingency Table for Hosmer and Lemeshow Test

		Manic score of 70+ = Not present		Manic score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.936	0	.064	8
	2	8	8.873	1	.127	9
	3	10	9.775	0	.225	10
	4	9	8.719	0	.281	9
	5	8	7.666	0	.334	8
	6	8	8.498	1	.502	9
	7	9	8.256	0	.744	9
	8	9	8.053	0	.947	9
	9	7	7.355	2	1.645	9
	10	8	8.869	5	4.131	13

Classification Table[a]

			Predicted		
			Manic score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Manic score of 70+	Not present	84	0	100.0
		Present	9	0	.0
	Overall Percentage				90.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.068	.025	7.593	1	.006	.934	.890	.981
	Constant	3.670	2.001	3.364	1	.067	39.255		

a. Variable(s) entered on step 1: stress_management.

Correlation Matrix

		Constant	stress_management
Step 1	Constant	1.000	-.982
	stress_management	-.982	1.000

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-29.568	9.903	1	.002

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	1.666	1	.197
		Income	2.468	4	.650
		Income(1)	.614	1	.433
		Income(2)	.962	1	.327
		Income(3)	.008	1	.929
		Income(4)	.807	1	.369
		WISCSPM	2.410	1	.121
		Interpersonal	1.647	1	.199
		Intrapersonal	.948	1	.330
		adaptability	.000	1	.999
		general_mood	.502	1	.479
		extraversion	.780	1	.377
		neuroticism	.409	1	.523
		psychoticism	1.593	1	.207
		Gender(1)	.022	1	.883
		Enjoy_School(1)	.393	1	.530
		Living_Arrang	5.834	5	.323
		Living_Arrang(1)	.006	1	.938
		Living_Arrang(2)	2.690	1	.101
		Living_Arrang(3)	2.676	1	.102
		Living_Arrang(4)	.021	1	.884
		Living_Arrang(5)	.941	1	.332
		Sig_Adult_Fig(1)	.642	1	.423
		Parent_MH(1)	.466	1	.495
		Parent_Drug(1)	.685	1	.408
		Parent_Alcohol(1)	.071	1	.790
		Parent_Crime(1)	.356	1	.551
		Drug_Use(1)	.804	1	.370
		Alcohol(1)	1.947	1	.163
		Cigarettes(1)	.056	1	.812
		Crime_Convictions(1)	1.366	1	.243
	Overall Statistics		25.260	29	.665

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	66.556	-1.570
	2	63.563	-2.024
	3	63.484	-2.113
	4	63.484	-2.116
	5	63.484	-2.116

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 63.484

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Schizophrenia score of 70+ Not present	Predicted: Schizophrenia score of 70+ Present	Percentage Correct
Step 0	Schizophrenia score of 70+	Not present	83	0	100.0
		Present	10	0	.0
	Overall Percentage				89.2

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.116	.335	39.970	1	.000	.120

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.402	1	.526
		Income	3.608	4	.462
		Income(1)	.504	1	.478
		Income(2)	.504	1	.478
		Income(3)	2.914	1	.088
		Income(4)	.036	1	.850
		WISCSPM	2.400	1	.121
		Interpersonal	1.417	1	.234
		Intrapersonal	5.433	1	.020
		stress_management	11.566	1	.001
		adaptability	.000	1	.986

	general_mood	10.399	1	.001
	extraversion	2.819	1	.093
	neuroticism	10.097	1	.001
	psychoticism	1.489	1	.222
	Gender(1)	.656	1	.418
	Enjoy_School(1)	3.946	1	.047
	Living_Arrang	6.632	5	.249
	Living_Arrang(1)	.122	1	.727
	Living_Arrang(2)	2.505	1	.114
	Living_Arrang(3)	.373	1	.541
	Living_Arrang(4)	.224	1	.636
	Living_Arrang(5)	3.060	1	.080
	Sig_Adult_Fig(1)	.502	1	.479
	Parent_MH(1)	7.320	1	.007
	Parent_Drug(1)	3.047	1	.081
	Parent_Alcohol(1)	1.350	1	.245
	Parent_Crime(1)	2.703	1	.100
	Drug_Use(1)	5.831	1	.016
	Alcohol(1)	.001	1	.972
	Cigarettes(1)	3.052	1	.081
	Crime_Convictions(1)	.167	1	.683
Overall Statistics		46.011	30	.031

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f]

Iteration		-2 Log likelihood	Coefficients							
			Constant	stress_management	Parent_MH(1)	neuroticism	Income(1)	Income(2)	Income(3)	Income(4)
Step 1	1	60.254	.717	-.024						
	2	52.634	2.503	-.049						
	3	51.184	3.829	-.068						
	4	51.083	4.264	-.074						
	5	51.082	4.304	-.074						
	6	51.082	4.304	-.074						
Step 2	1	56.759	.549	-.024	1.010					
	2	47.663	2.141	-.049	1.635					
	3	45.757	3.472	-.068	1.991					
	4	45.589	4.013	-.076	2.117					
	5	45.587	4.080	-.077	2.132					
	6	45.587	4.081	-.077	2.132					
Step 3	1	55.241	-.438	-.017	.980	.066				
	2	44.336	-.113	-.035	1.593	.153				
	3	40.953	-.093	-.049	1.977	.256				
	4	40.232	-.299	-.057	2.169	.337				
	5	40.179	-.407	-.060	2.226	.367				
	6	40.178	-.418	-.060	2.231	.370				
	7	40.178	-.419	-.060	2.231	.370				
Step 4	1	52.428	-.103	-.020	.978	.068	-.909	-.516	.346	-.483
	2	37.649	.843	-.044	1.856	.160	-2.758	-1.258	.543	-1.030

3	30.986	1.680	-.070	2.751	.283	-4.980	-2.361	.702	-1.577
4	28.433	1.984	-.092	3.560	.423	-7.017	-3.597	.910	-2.019
5	27.782	1.904	-.107	4.108	.540	-8.693	-4.756	1.098	-2.285
6	27.703	1.833	-.112	4.300	.587	-9.931	-5.813	1.181	-2.371
7	27.690	1.825	-.113	4.319	.592	-10.958	-6.822	1.191	-2.379
8	27.685	1.825	-.113	4.319	.592	-11.959	-7.824	1.191	-2.379
9	27.684	1.825	-.113	4.319	.592	-12.960	-8.824	1.191	-2.379
10	27.683	1.825	-.113	4.319	.592	-13.960	-9.824	1.191	-2.379
11	27.683	1.825	-.113	4.319	.592	-14.960	-10.824	1.191	-2.379
12	27.683	1.825	-.113	4.319	.592	-15.960	-11.825	1.191	-2.379
13	27.683	1.825	-.113	4.319	.592	-16.960	-12.825	1.191	-2.379
14	27.683	1.825	-.113	4.319	.592	-17.960	-13.825	1.191	-2.379
15	27.683	1.825	-.113	4.319	.592	-18.960	-14.825	1.191	-2.379
16	27.683	1.825	-.113	4.319	.592	-19.960	-15.825	1.191	-2.379
17	27.683	1.825	-.113	4.319	.592	-20.960	-16.825	1.191	-2.379
18	27.683	1.825	-.113	4.319	.592	-21.960	-17.825	1.191	-2.379
19	27.683	1.825	-.113	4.319	.592	-22.960	-18.825	1.191	-2.379
20	27.683	1.825	-.113	4.319	.592	-23.960	-19.825	1.191	-2.379

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 63.484

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.402	1	.000
	Block	12.402	1	.000
	Model	12.402	1	.000
Step 2	Step	5.495	1	.019
	Block	17.897	2	.000
	Model	17.897	2	.000
Step 3	Step	5.409	1	.020
	Block	23.306	3	.000
	Model	23.306	3	.000
Step 4	Step	12.496	4	.014
	Block	35.802	7	.000
	Model	35.802	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	51.082[a]	.125	.252
2	45.587[a]	.175	.354
3	40.178[b]	.222	.448
4	27.683[c]	.320	.646

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	10.222	8	.250
2	1.981	8	.982
3	.939	8	.999
4	1.435	8	.994

Contingency Table for Hosmer and Lemeshow Test

		Schizophrenia score of 70+ = Not present		Schizophrenia score of 70+ = Present		Total
		Observed	Expected	Observed	Expected	
Step 1	1	8	7.945	0	.055	8
	2	8	8.884	1	.116	9
	3	10	9.786	0	.214	10
	4	9	8.725	0	.275	9
	5	8	7.663	0	.337	8
	6	9	8.481	0	.519	9
	7	9	8.204	0	.796	9
	8	7	7.967	2	1.033	9

	9	7	7.133	2	1.867	9
	10	8	8.211	5	4.789	13
Step 2	1	9	8.961	0	.039	9
	2	10	9.900	0	.100	10
	3	9	8.850	0	.150	9
	4	10	9.759	0	.241	10
	5	9	8.672	0	.328	9
	6	7	7.585	1	.415	8
	7	8	8.364	1	.636	9
	8	8	7.987	1	1.013	9
	9	4	3.911	1	1.089	5
	10	9	9.011	6	5.989	15
Step 3	1	9	8.993	0	.007	9
	2	9	8.983	0	.017	9
	3	9	8.963	0	.037	9
	4	9	8.924	0	.076	9
	5	9	8.856	0	.144	9
	6	9	8.739	0	.261	9
	7	8	8.442	1	.558	9
	8	8	8.076	1	.924	9
	9	7	7.080	2	1.920	9
	10	6	5.945	6	6.055	12
Step 4	1	10	10.000	0	.000	10
	2	9	9.000	0	.000	9
	3	9	8.999	0	.001	9
	4	9	8.995	0	.005	9
	5	9	8.984	0	.016	9
	6	9	8.952	0	.048	9
	7	9	8.803	0	.197	9
	8	8	8.325	1	.675	9
	9	7	7.931	3	2.069	10
	10	4	3.011	6	6.989	10

Classification Table[a]

			Predicted		
			Schizophrenia score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Schizophrenia score of 70+	Not present	83	0	100.0
		Present	10	0	.0
	Overall Percentage				89.2
Step 2	Schizophrenia score of 70+	Not present	82	1	98.8
		Present	8	2	20.0
	Overall Percentage				90.3
Step 3	Schizophrenia score of 70+	Not present	81	2	97.6

		Present	6	4	40.0
	Overall Percentage				91.4
Step 4	Schizophrenia score of 70+	Not present	80	3	96.4
		Present	4	6	60.0
	Overall Percentage				92.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.074	.025	9.116	1	.003	.928	.885	.974
	Constant	4.304	1.981	4.719	1	.030	74.001		
Step 2[b]	stress_management	-.077	.026	8.804	1	.003	.926	.880	.974
	Parent_MH(1)	2.132	.909	5.503	1	.019	8.435	1.420	50.100
	Constant	4.081	2.072	3.880	1	.049	59.205		
Step 3[c]	stress_management	-.060	.028	4.549	1	.033	.942	.891	.995
	neuroticism	.370	.186	3.942	1	.047	1.447	1.005	2.085
	Parent_MH(1)	2.231	.962	5.384	1	.020	9.311	1.414	61.298
	Constant	-.419	2.936	.020	1	.887	.658		
Step 4[d]	Income			2.947	4	.567			
	Income(1)	-23.960	15240.713	.000	1	.999	.000	.000	.
	Income(2)	-19.825	16334.801	.000	1	.999	.000	.000	.
	Income(3)	1.191	1.396	.729	1	.393	3.291	.214	50.725
	Income(4)	-2.379	1.716	1.923	1	.166	.093	.003	2.674
	stress_management	-.113	.044	6.578	1	.010	.893	.820	.974
	neuroticism	.592	.286	4.273	1	.039	1.807	1.031	3.166
	Parent_MH(1)	4.319	1.641	6.931	1	.008	75.119	3.015	1871.418
	Constant	1.825	3.899	.219	1	.640	6.205		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: Parent_MH.

c. Variable(s) entered on step 3: neuroticism.

d. Variable(s) entered on step 4: Income.

Correlation Matrix

		Constant	stress_management	Parent_MH(1)	neuroticism	Income(1)	Income(2)	Income(3)	Income(4)
Step 1	Constant	1.000	-.983						
	stress_management	-.983	1.000						
Step 2	Constant	1.000	-.976	.123					
	stress_management	-.976	1.000	-.237					
	Parent_MH(1)	.123	-.237	1.000					
Step 3	Constant	1.000	-.786	-.119	-.647				
	stress_management	-.786	1.000	-.116	.065				
	neuroticism	-.647	.065	.212	1.000				
	Parent_MH(1)	-.119	-.116	1.000	.212				
Step 4	Constant	1.000	-.697	-.043	-.506	.000	.000	.023	-.352
	Income(1)	.000	.000	.000	.000	1.000	.000	.000	.000
	Income(2)	.000	.000	.000	.000	.000	1.000	.000	.000
	Income(3)	.023	-.260	-.075	.211	.000	.000	1.000	.110
	Income(4)	-.352	.440	-.377	-.107	.000	.000	.110	1.000
	stress_management	-.697	1.000	-.430	-.247	.000	.000	-.260	.440
	neuroticism	-.506	-.247	.543	1.000	.000	.000	.211	-.107
	Parent_MH(1)	-.043	-.430	1.000	.543	.000	.000	-.075	-.377

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-31.742	12.402	1	.000
Step 2	stress_management	-29.026	12.466	1	.000
	Parent_MH	-25.541	5.495	1	.019
Step 3	stress_management	-22.902	5.626	1	.018
	neuroticism	-22.794	5.409	1	.020
	Parent_MH	-22.901	5.623	1	.018
Step 4	Income	-20.089	12.496	4	.014
	stress_management	-19.274	10.865	1	.001
	neuroticism	-17.667	7.651	1	.006
	Parent_MH	-18.800	9.918	1	.002

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	1.425	1	.233
		Income	7.711	4	.103
		Income(1)	.726	1	.394
		Income(2)	.739	1	.390
		Income(3)	5.359	1	.021
		Income(4)	1.592	1	.207
		WISCSPM	.002	1	.964
		Interpersonal	2.577	1	.108
		Intrapersonal	1.354	1	.245
		adaptability	.664	1	.415
		general_mood	4.921	1	.027
		extraversion	1.925	1	.165
		neuroticism	4.733	1	.030
		psychoticism	.750	1	.386
		Gender(1)	.146	1	.702
		Enjoy_School(1)	.919	1	.338
		Living_Arrang	2.709	5	.745
		Living_Arrang(1)	.005	1	.943
		Living_Arrang(2)	.086	1	.769
		Living_Arrang(3)	.318	1	.573
		Living_Arrang(4)	.064	1	.801
		Living_Arrang(5)	2.059	1	.151
		Sig_Adult_Fig(1)	.414	1	.520
		Parent_MH(1)	6.583	1	.010
		Parent_Drug(1)	1.570	1	.210
		Parent_Alcohol(1)	1.213	1	.271
		Parent_Crime(1)	2.400	1	.121
		Drug_Use(1)	1.316	1	.251
		Alcohol(1)	.286	1	.593
		Cigarettes(1)	.196	1	.658

		Crime_Convictions(1)	.619	1	.431
	Overall Statistics		33.688	29	.251
Step 2	Variables	Highest_Grade	.521	1	.470
		Income	7.933	4	.094
		Income(1)	3.850	1	.050
		Income(2)	.503	1	.478
		Income(3)	2.966	1	.085
		Income(4)	1.647	1	.199
		WISCSPM	.001	1	.978
		Interpersonal	1.056	1	.304
		Intrapersonal	.917	1	.338
		adaptability	1.003	1	.317
		general_mood	3.715	1	.054
		extraversion	3.185	1	.074
		neuroticism	4.723	1	.030
		psychoticism	1.375	1	.241
		Gender(1)	.002	1	.961
		Enjoy_School(1)	.892	1	.345
		Living_Arrang	.687	5	.984
		Living_Arrang(1)	.003	1	.957
		Living_Arrang(2)	.016	1	.898
		Living_Arrang(3)	.203	1	.652
		Living_Arrang(4)	.145	1	.703
		Living_Arrang(5)	.395	1	.530
		Sig_Adult_Fig(1)	1.630	1	.202
		Parent_Drug(1)	.058	1	.809
		Parent_Alcohol(1)	2.603	1	.107
		Parent_Crime(1)	.635	1	.426
		Drug_Use(1)	1.198	1	.274
		Alcohol(1)	.037	1	.847
		Cigarettes(1)	.336	1	.562
		Crime_Convictions(1)	1.215	1	.270
	Overall Statistics		28.009	28	.464
Step 3	Variables	Highest_Grade	.815	1	.367
		Income	10.089	4	.039
		Income(1)	6.815	1	.009
		Income(2)	.637	1	.425
		Income(3)	3.040	1	.081
		Income(4)	.939	1	.333
		WISCSPM	.941	1	.332
		Interpersonal	.330	1	.566
		Intrapersonal	.080	1	.777
		adaptability	.992	1	.319
		general_mood	1.307	1	.253
		extraversion	1.342	1	.247
		psychoticism	.410	1	.522
		Gender(1)	1.451	1	.228
		Enjoy_School(1)	1.263	1	.261
		Living_Arrang	.671	5	.985
		Living_Arrang(1)	.004	1	.951
		Living_Arrang(2)	.255	1	.613

		Living_Arrang(3)	.161	1	.688
		Living_Arrang(4)	.080	1	.777
		Living_Arrang(5)	.107	1	.744
		Sig_Adult_Fig(1)	1.821	1	.177
		Parent_Drug(1)	.089	1	.765
		Parent_Alcohol(1)	3.360	1	.067
		Parent_Crime(1)	1.284	1	.257
		Drug_Use(1)	2.111	1	.146
		Alcohol(1)	.120	1	.729
		Cigarettes(1)	.711	1	.399
		Crime_Convictions(1)	.255	1	.614
	Overall Statistics		22.184	27	.728
Step 4	Variables	Highest_Grade	.248	1	.618
		WISCSPM	.114	1	.735
		Interpersonal	1.987	1	.159
		Intrapersonal	.403	1	.526
		adaptability	1.382	1	.240
		general_mood	.373	1	.541
		extraversion	.002	1	.963
		psychoticism	.028	1	.867
		Gender(1)	3.200	1	.074
		Enjoy_School(1)	1.274	1	.259
		Living_Arrang	4.145	5	.529
		Living_Arrang(1)	.000	1	.989
		Living_Arrang(2)	.991	1	.319
		Living_Arrang(3)	.008	1	.928
		Living_Arrang(4)	1.821	1	.177
		Living_Arrang(5)	2.303	1	.129
		Sig_Adult_Fig(1)	1.931	1	.165
		Parent_Drug(1)	.989	1	.320
		Parent_Alcohol(1)	.091	1	.763
		Parent_Crime(1)	.709	1	.400
		Drug_Use(1)	3.367	1	.067
		Alcohol(1)	.152	1	.697
		Cigarettes(1)	.957	1	.328
		Crime_Convictions(1)	.012	1	.914
	Overall Statistics		15.642	23	.870

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	80.217	-1.398
	2	78.810	-1.698
	3	78.797	-1.730
	4	78.797	-1.730

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 78.797

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Internalising factor score of 70+		Percentage Correct
			Not present	Present	
Step 0	Internalising factor score of 70+	Not present	79	0	100.0
		Present	14	0	.0
	Overall Percentage				84.9

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.730	.290	35.609	1	.000	.177

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.008	1	.930
		Income	2.444	4	.655
		Income(1)	.741	1	.389
		Income(2)	.741	1	.389
		Income(3)	1.066	1	.302
		Income(4)	.095	1	.757
		WISCSPM	2.955	1	.086
		Interpersonal	3.081	1	.079
		Intrapersonal	8.205	1	.004
		stress_management	17.117	1	.000
		adaptability	.444	1	.505
		general_mood	8.880	1	.003

	extraversion	4.812	1	.028
	neuroticism	18.331	1	.000
	psychoticism	.846	1	.358
	Gender(1)	.440	1	.507
	Enjoy_School(1)	.847	1	.357
	Living_Arrang	3.161	5	.675
	Living_Arrang(1)	.179	1	.672
	Living_Arrang(2)	1.082	1	.298
	Living_Arrang(3)	.549	1	.459
	Living_Arrang(4)	.807	1	.369
	Living_Arrang(5)	.897	1	.344
	Sig_Adult_Fig(1)	1.066	1	.302
	Parent_MH(1)	3.600	1	.058
	Parent_Drug(1)	.654	1	.419
	Parent_Alcohol(1)	1.986	1	.159
	Parent_Crime(1)	.492	1	.483
	Drug_Use(1)	3.377	1	.066
	Alcohol(1)	.383	1	.536
	Cigarettes(1)	2.728	1	.099
	Crime_Convictions(1)	.097	1	.756
Overall Statistics		51.828	30	.008

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients				
			Constant	neuroticism	stress_management	Interpersonal	extraversion
Step 1	1	67.407	-2.426	.173			
	2	58.815	-3.987	.333			
	3	56.615	-5.236	.461			
	4	56.345	-5.857	.523			
	5	56.339	-5.966	.534			
	6	56.339	-5.969	.534			
	7	56.339	-5.969	.534			
Step 2	1	63.479	-.012	.121	-.022		
	2	52.188	.365	.245	-.041		
	3	48.282	.348	.376	-.057		
	4	47.388	.138	.476	-.066		
	5	47.323	.031	.513	-.069		
	6	47.323	.020	.516	-.070		
	7	47.323	.020	.516	-.070		
Step 3	1	59.198	-1.844	.116	-.028	.026	
	2	47.804	-2.952	.233	-.045	.040	
	3	44.162	-3.675	.359	-.058	.046	
	4	43.278	-4.084	.460	-.067	.048	
	5	43.196	-4.259	.501	-.071	.049	
	6	43.195	-4.283	.506	-.071	.049	
	7	43.195	-4.283	.506	-.071	.049	

Step 4	1	55.534	-1.035	.076	-.031	.036	-.134
	2	41.622	-1.788	.159	-.052	.064	-.266
	3	36.562	-2.671	.260	-.070	.089	-.405
	4	35.240	-3.567	.353	-.082	.108	-.509
	5	35.107	-4.049	.398	-.087	.116	-.549
	6	35.106	-4.123	.404	-.088	.117	-.553
	7	35.106	-4.124	.405	-.088	.117	-.553
	8	35.106	-4.124	.405	-.088	.117	-.553

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 78.797

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	22.458	1	.000
	Block	22.458	1	.000
	Model	22.458	1	.000
Step 2	Step	9.016	1	.003
	Block	31.475	2	.000
	Model	31.475	2	.000
Step 3	Step	4.127	1	.042
	Block	35.602	3	.000
	Model	35.602	3	.000
Step 4	Step	8.090	1	.004
	Block	43.692	4	.000
	Model	43.692	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	56.339[a]	.215	.375
2	47.323[a]	.287	.502
3	43.195[a]	.318	.557
4	35.106[b]	.375	.656

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	12.248	8	.140
2	26.072	8	.001
3	11.979	8	.152
4	3.272	8	.916

Contingency Table for Hosmer and Lemeshow Test

		Internalising factor score of 70+ = Not present		Internalising factor score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	5	4.987	0	.013	5
	2	11	10.952	0	.048	11
	3	8	7.941	0	.059	8
	4	13	12.751	0	.249	13
	5	12	11.431	0	.569	12
	6	6	8.127	3	.873	9
	7	4	5.071	2	.929	6
	8	7	5.333	0	1.667	7
	9	9	7.174	2	3.826	11

	10	4	5.233	7	5.767	11
Step 2	1	9	8.996	0	.004	9
	2	9	8.989	0	.011	9
	3	9	8.976	0	.024	9
	4	8	8.949	1	.051	9
	5	9	8.847	0	.153	9
	6	9	8.668	0	.332	9
	7	9	7.990	0	1.010	9
	8	9	7.224	0	1.776	9
	9	3	5.983	6	3.017	9
	10	5	4.379	7	7.621	12
Step 3	1	9	8.995	0	.005	9
	2	9	8.989	0	.011	9
	3	9	8.977	0	.023	9
	4	9	8.947	0	.053	9
	5	8	8.894	1	.106	9
	6	9	8.729	0	.271	9
	7	9	8.410	0	.590	9
	8	9	7.391	0	1.609	9
	9	4	5.680	5	3.320	9
	10	4	3.988	8	8.012	12
Step 4	1	9	8.999	0	.001	9
	2	9	8.995	0	.005	9
	3	9	8.988	0	.012	9
	4	9	8.971	0	.029	9
	5	9	8.911	0	.089	9
	6	9	8.819	0	.181	9
	7	8	8.494	1	.506	9
	8	7	7.880	2	1.120	9
	9	8	6.340	1	2.660	9
	10	2	2.603	10	9.397	12

Classification Table[a]

Observed			Predicted		
			Internalising factor score of 70+		Percentage Correct
			Not present	Present	
Step 1	Internalising factor score of 70+	Not present	78	1	98.7
		Present	11	3	21.4
	Overall Percentage				87.1
Step 2	Internalising factor score of 70+	Not present	74	5	93.7
		Present	7	7	50.0
	Overall Percentage				87.1
Step 3	Internalising factor score of 70+	Not present	76	3	96.2
		Present	7	7	50.0
	Overall Percentage				89.2
Step 4	Internalising factor score of 70+	Not present	77	2	97.5
		Present	4	10	71.4
	Overall Percentage				93.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.534	.156	11.715	1	.001	1.706	1.256	2.316
	Constant	-5.969	1.486	16.138	1	.000	.003		
Step 2[b]	stress_management	-.070	.026	7.110	1	.008	.933	.886	.982
	neuroticism	.516	.186	7.727	1	.005	1.676	1.165	2.412
	Constant	.020	2.524	.000	1	.994	1.020		
Step 3[c]	Interpersonal	.049	.025	3.679	1	.055	1.050	.999	1.104
	stress_management	-.071	.028	6.514	1	.011	.931	.882	.984
	neuroticism	.506	.199	6.479	1	.011	1.659	1.123	2.450
	Constant	-4.283	3.544	1.460	1	.227	.014		
Step 4[d]	Interpersonal	.117	.042	7.699	1	.006	1.124	1.035	1.221
	stress_management	-.088	.032	7.715	1	.005	.916	.861	.974
	extraversion	-.553	.224	6.128	1	.013	.575	.371	.891
	neuroticism	.405	.205	3.892	1	.049	1.499	1.003	2.240
	Constant	-4.124	4.131	.997	1	.318	.016		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: stress_management.

c. Variable(s) entered on step 3: Interpersonal.

d. Variable(s) entered on step 4: extraversion.

Correlation Matrix

		Constant	neuroticism	Constant	stress_management	neuroticism	Interpersonal	extraversion
Step 1	Constant	1.000	-.974					
	neuroticism	-.974	1.000					
Step 2	Constant			1.000	-.724	-.552		
	stress_management			-.724	1.000	-.158		
	neuroticism			-.552	-.158	1.000		
Step 3	Constant			1.000	-.488	-.495	-.625	
	Interpersonal			-.625	-.130	.061	1.000	
	stress_management			-.488	1.000	-.108	-.130	
	neuroticism			-.495	-.108	1.000	.061	
Step 4	Constant			1.000	-.455	-.630	-.475	.083
	Interpersonal			-.475	-.398	.160	1.000	-.760
	stress_management			-.455	1.000	.082	-.398	.427
	extraversion			.083	.427	-.055	-.760	1.000
	neuroticism			-.630	.082	1.000	.160	-.055

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-39.399	22.458	1	.000
Step 2	stress_management	-28.169	9.016	1	.003
	neuroticism	-30.053	12.784	1	.000
Step 3	Interpersonal	-23.661	4.127	1	.042
	stress_management	-25.863	8.530	1	.003
	neuroticism	-26.916	10.636	1	.001
Step 4	Interpersonal	-23.214	11.322	1	.001
	stress_management	-23.053	11.000	1	.001
	extraversion	-21.598	8.090	1	.004
	neuroticism	-20.211	5.316	1	.021

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.080	1	.778
		Income	3.464	4	.483
		Income(1)	1.138	1	.286
		Income(2)	1.329	1	.249
		Income(3)	1.278	1	.258
		Income(4)	.002	1	.969
		WISCSPM	3.648	1	.056
		Interpersonal	4.351	1	.037
		Intrapersonal	1.150	1	.284
		stress_management	8.433	1	.004
		adaptability	.393	1	.531
		general_mood	.139	1	.710
		extraversion	.416	1	.519
		psychoticism	.581	1	.446
		Gender(1)	.638	1	.424
		Enjoy_School(1)	.065	1	.799
		Living_Arrang	3.458	5	.630
		Living_Arrang(1)	.110	1	.740
		Living_Arrang(2)	1.418	1	.234
		Living_Arrang(3)	.740	1	.390
		Living_Arrang(4)	1.027	1	.311
		Living_Arrang(5)	.585	1	.445
		Sig_Adult_Fig(1)	.478	1	.489
		Parent_MH(1)	4.084	1	.043
		Parent_Drug(1)	.443	1	.506
		Parent_Alcohol(1)	1.232	1	.267
		Parent_Crime(1)	.236	1	.627
		Drug_Use(1)	2.291	1	.130

		Alcohol(1)	.187	1	.665
		Cigarettes(1)	1.605	1	.205
		Crime_Convictions(1)	.228	1	.633
	Overall Statistics		42.438	29	.051
Step 2	Variables	Highest_Grade	.903	1	.342
		Income	6.449	4	.168
		Income(1)	2.127	1	.145
		Income(2)	1.902	1	.168
		Income(3)	2.222	1	.136
		Income(4)	.406	1	.524
		WISCSPM	.387	1	.534
		Interpersonal	4.018	1	.045
		Intrapersonal	.252	1	.616
		adaptability	.435	1	.509
		general_mood	.136	1	.712
		extraversion	.889	1	.346
		psychoticism	1.708	1	.191
		Gender(1)	.033	1	.856
		Enjoy_School(1)	.085	1	.771
		Living_Arrang	1.128	5	.952
		Living_Arrang(1)	.005	1	.945
		Living_Arrang(2)	.016	1	.900
		Living_Arrang(3)	.375	1	.540
		Living_Arrang(4)	.541	1	.462
		Living_Arrang(5)	.281	1	.596
		Sig_Adult_Fig(1)	.893	1	.345
		Parent_MH(1)	3.188	1	.074
		Parent_Drug(1)	.267	1	.606
		Parent_Alcohol(1)	2.175	1	.140
		Parent_Crime(1)	.919	1	.338
		Drug_Use(1)	.352	1	.553
		Alcohol(1)	.296	1	.587
		Cigarettes(1)	.043	1	.835
		Crime_Convictions(1)	1.919	1	.166
	Overall Statistics		40.724	28	.057
Step 3	Variables	Highest_Grade	.134	1	.715
		Income	7.133	4	.129
		Income(1)	2.738	1	.098
		Income(2)	2.021	1	.155
		Income(3)	1.510	1	.219
		Income(4)	.712	1	.399
		WISCSPM	1.013	1	.314
		Intrapersonal	.508	1	.476
		adaptability	.099	1	.752
		general_mood	1.335	1	.248
		extraversion	7.187	1	.007
		psychoticism	1.919	1	.166
		Gender(1)	.135	1	.714
		Enjoy_School(1)	.054	1	.816
		Living_Arrang	1.280	5	.937
		Living_Arrang(1)	.008	1	.931

		Living_Arrang(2)	.025	1	.874
		Living_Arrang(3)	.150	1	.699
		Living_Arrang(4)	.956	1	.328
		Living_Arrang(5)	.240	1	.625
		Sig_Adult_Fig(1)	.359	1	.549
		Parent_MH(1)	1.433	1	.231
		Parent_Drug(1)	.006	1	.940
		Parent_Alcohol(1)	2.471	1	.116
		Parent_Crime(1)	.427	1	.513
		Drug_Use(1)	.120	1	.729
		Alcohol(1)	.083	1	.773
		Cigarettes(1)	.067	1	.796
		Crime_Convictions(1)	2.529	1	.112
	Overall Statistics		38.133	27	.076
Step 4	Variables	Highest_Grade	.083	1	.774
		Income	5.833	4	.212
		Income(1)	3.762	1	.052
		Income(2)	.262	1	.608
		Income(3)	1.476	1	.224
		Income(4)	.476	1	.490
		WISCSPM	2.740	1	.098
		Intrapersonal	.077	1	.782
		adaptability	.305	1	.581
		general_mood	.344	1	.558
		psychoticism	.326	1	.568
		Gender(1)	.603	1	.437
		Enjoy_School(1)	.609	1	.435
		Living_Arrang	1.177	5	.947
		Living_Arrang(1)	.001	1	.971
		Living_Arrang(2)	.013	1	.909
		Living_Arrang(3)	.014	1	.906
		Living_Arrang(4)	.887	1	.346
		Living_Arrang(5)	.531	1	.466
		Sig_Adult_Fig(1)	.830	1	.362
		Parent_MH(1)	.861	1	.353
		Parent_Drug(1)	.257	1	.612
		Parent_Alcohol(1)	3.300	1	.069
		Parent_Crime(1)	.066	1	.798
		Drug_Use(1)	2.607	1	.106
		Alcohol(1)	.083	1	.774
		Cigarettes(1)	1.821	1	.177
		Crime_Convictions(1)	1.083	1	.298
	Overall Statistics		33.169	26	.157

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	97.215	-1.140
	2	96.828	-1.288
	3	96.827	-1.295
	4	96.827	-1.295

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 96.827

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Externalising factor score of 70+		Percentage Correct
			Not present	Present	
Step 0	Externalising factor score of 70+	Not present	73	0	100.0
		Present	20	0	.0
	Overall Percentage				78.5

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.295	.252	26.316	1	.000	.274

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	1.481	1	.224
		Income	10.884	4	.028
		Income(1)	.030	1	.862
		Income(2)	.030	1	.862
		Income(3)	1.142	1	.285
		Income(4)	8.068	1	.005
		WISCSPM	23.719	1	.000
		Interpersonal	1.309	1	.253
		Intrapersonal	8.363	1	.004
		stress_management	24.208	1	.000
		adaptability	5.290	1	.021

	general_mood	10.336	1	.001
	extraversion	.308	1	.579
	neuroticism	6.685	1	.010
	psychoticism	26.288	1	.000
	Gender(1)	10.672	1	.001
	Enjoy_School(1)	16.609	1	.000
	Living_Arrang	16.474	5	.006
	Living_Arrang(1)	.277	1	.599
	Living_Arrang(2)	5.695	1	.017
	Living_Arrang(3)	3.745	1	.053
	Living_Arrang(4)	.487	1	.485
	Living_Arrang(5)	1.850	1	.174
	Sig_Adult_Fig(1)	11.070	1	.001
	Parent_MH(1)	.100	1	.752
	Parent_Drug(1)	6.928	1	.008
	Parent_Alcohol(1)	.015	1	.902
	Parent_Crime(1)	1.835	1	.176
	Drug_Use(1)	33.078	1	.000
	Alcohol(1)	6.542	1	.011
	Cigarettes(1)	21.790	1	.000
	Crime_Convictions(1)	34.588	1	.000
Overall Statistics		66.369	30	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f]

Iteration		-2 Log likelihood	Coefficients					
			Constant	Crime_Convictions(1)	stress_management	general_mood	psychoticism	Drug_Use(1)
Step 1	1	70.048	-1.714	2.323				
	2	65.991	-2.342	2.971				
	3	65.747	-2.545	3.174				
	4	65.745	-2.565	3.193				
	5	65.745	-2.565	3.194				
Step 2	1	60.700	1.399	1.892	-.032			
	2	50.996	3.238	2.505	-.059			
	3	48.904	4.600	2.937	-.079			
	4	48.721	5.129	3.123	-.087			
	5	48.719	5.192	3.147	-.088			
	6	48.719	5.193	3.147	-.088			
Step 3	1	58.913	2.185	1.903	-.026	-.015		
	2	46.369	5.409	2.582	-.050	-.034		
	3	41.872	8.701	3.287	-.072	-.056		
	4	40.761	11.138	3.896	-.089	-.072		
	5	40.657	12.123	4.167	-.096	-.079		
	6	40.656	12.244	4.201	-.097	-.080		
	7	40.656	12.245	4.202	-.097	-.080		
	8	40.656	12.245	4.202	-.097	-.080		
Step 4	1	56.244	.861	1.697	-.015	-.016	.158	
	2	41.724	3.017	2.290	-.030	-.038	.283	

	3	35.287	5.663	2.991	-.048	-.063	.413	
	4	32.900	8.176	3.780	-.065	-.089	.542	
	5	32.430	9.804	4.350	-.077	-.105	.624	
	6	32.407	10.265	4.521	-.080	-.110	.648	
	7	32.407	10.293	4.531	-.080	-.110	.649	
	8	32.407	10.293	4.531	-.080	-.110	.649	
Step 5	1	54.290	.631	1.291	-.015	-.014	.117	.740
	2	39.001	2.609	1.722	-.030	-.034	.212	1.150
	3	31.929	5.148	2.292	-.049	-.059	.327	1.509
	4	29.042	7.770	2.973	-.070	-.084	.455	1.865
	5	28.377	9.666	3.522	-.085	-.102	.547	2.129
	6	28.332	10.298	3.722	-.091	-.108	.578	2.219
	7	28.332	10.349	3.739	-.091	-.109	.580	2.227
	8	28.332	10.349	3.740	-.091	-.109	.580	2.227

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 96.827

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	31.082	1	.000
	Block	31.082	1	.000
	Model	31.082	1	.000
Step 2	Step	17.026	1	.000
	Block	48.108	2	.000
	Model	48.108	2	.000
Step 3	Step	8.063	1	.005
	Block	56.171	3	.000
	Model	56.171	3	.000
Step 4	Step	8.250	1	.004
	Block	64.421	4	.000
	Model	64.421	4	.000
Step 5	Step	4.074	1	.044
	Block	68.495	5	.000
	Model	68.495	5	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	65.745[a]	.284	.439
2	48.719[b]	.404	.624
3	40.656[c]	.453	.701
4	32.407[c]	.500	.773
5	28.332[c]	.521	.806

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	6.774	8	.561
3	3.711	8	.882
4	1.251	8	.996
5	1.342	8	.995

Contingency Table for Hosmer and Lemeshow Test

		Externalising factor score of 70+ = Not present		Externalising factor score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	65	65.000	5	5.000	70
	2	8	8.000	15	15.000	23

Step 2	1	10	9.963	0	.037	10
	2	10	9.922	0	.078	10
	3	9	8.869	0	.131	9
	4	8	7.804	0	.196	8
	5	9	8.658	0	.342	9
	6	10	9.350	0	.650	10
	7	7	8.427	3	1.573	10
	8	6	6.462	4	3.538	10
	9	2	2.912	7	6.088	9
	10	2	.631	6	7.369	8
Step 3	1	9	8.998	0	.002	9
	2	9	8.994	0	.006	9
	3	9	8.974	0	.026	9
	4	9	8.939	0	.061	9
	5	9	8.887	0	.113	9
	6	8	8.738	1	.262	9
	7	9	7.926	0	1.074	9
	8	6	6.395	3	2.605	9
	9	4	3.907	5	5.093	9
	10	1	1.241	11	10.759	12
Step 4	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	8.997	0	.003	9
	4	9	8.992	0	.008	9
	5	9	8.976	0	.024	9
	6	9	8.878	0	.122	9
	7	9	8.360	0	.640	9
	8	6	6.683	3	2.317	9
	9	3	3.346	6	5.654	9
	10	1	.768	11	11.232	12
Step 5	1	9	9.000	0	.000	9
	2	9	9.000	0	.000	9
	3	9	8.999	0	.001	9
	4	9	8.997	0	.003	9
	5	9	8.988	0	.012	9
	6	9	8.897	0	.103	9
	7	9	8.576	0	.424	9
	8	7	7.004	2	1.996	9
	9	2	2.957	7	6.043	9
	10	1	.582	11	11.418	12

Classification Table[a]

	Observed		Predicted		
			Externalising factor score of 70+		Percentage Correct
			Not present	Present	
Step 1	Externalising factor score of 70+	Not present	65	8	89.0
		Present	5	15	75.0
	Overall Percentage				86.0
Step 2	Externalising factor score of 70+	Not present	70	3	95.9
		Present	7	13	65.0
	Overall Percentage				89.2
Step 3	Externalising factor score of 70+	Not present	70	3	95.9
		Present	4	16	80.0
	Overall Percentage				92.5
Step 4	Externalising factor score of 70+	Not present	69	4	94.5
		Present	3	17	85.0
	Overall Percentage				92.5
Step 5	Externalising factor score of 70+	Not present	70	3	95.9
		Present	3	17	85.0
	Overall Percentage				93.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	3.194	.638	25.055	1	.000	24.375	6.980	85.117
	Constant	-2.565	.464	30.545	1	.000	.077		
Step 2[b]	stress_management	-.088	.026	11.763	1	.001	.916	.871	.963
	Crime_Convictions(1)	3.147	.782	16.216	1	.000	23.269	5.030	107.648
	Constant	5.193	2.098	6.123	1	.013	179.924		
Step 3[c]	stress_management	-.097	.032	9.084	1	.003	.908	.853	.967
	general_mood	-.080	.033	5.928	1	.015	.923	.865	.985
	Crime_Convictions(1)	4.202	1.139	13.611	1	.000	66.804	7.167	622.652
	Constant	12.245	4.103	8.908	1	.003	207954.804		
Step 4[d]	stress_management	-.080	.037	4.641	1	.031	.923	.858	.993
	general_mood	-.110	.042	6.760	1	.009	.895	.824	.973
	psychoticism	.649	.263	6.098	1	.014	1.914	1.143	3.204
	Crime_Convictions(1)	4.531	1.368	10.974	1	.001	92.886	6.362	1356.063
	Constant	10.293	4.639	4.923	1	.026	29532.037		
Step 5[e]	stress_management	-.091	.042	4.660	1	.031	.913	.840	.992
	general_mood	-.109	.043	6.275	1	.012	.897	.824	.977
	psychoticism	.580	.273	4.517	1	.034	1.786	1.046	3.050
	Drug_Use(1)	2.227	1.179	3.564	1	.059	9.269	.919	93.519
	Crime_Convictions(1)	3.740	1.400	7.133	1	.008	42.080	2.706	654.483
	Constant	10.349	5.222	3.927	1	.048	31224.213		

a. Variable(s) entered on step 1: Crime_Convictions.

b. Variable(s) entered on step 2: stress_management.

c. Variable(s) entered on step 3: general_mood.

d. Variable(s) entered on step 4: psychoticism.

e. Variable(s) entered on step 5: Drug_Use.

Correlation Matrix

		Constant	Crime_Convictions(1)	stress_management	general_mood	psychoticism	Drug_Use(1)
Step 1	Constant	1.000	-.727				
	Crime_Convictions(1)	-.727	1.000				
Step 2	Constant	1.000	.157	-.970			
	stress_management	-.970	-.326	1.000			
	Crime_Convictions(1)	.157	1.000	-.326			
Step 3	Constant	1.000	.628	-.813	-.808		
	stress_management	-.813	-.494	1.000	.340		
	general_mood	-.808	-.658	.340	1.000		
	Crime_Convictions(1)	.628	1.000	-.494	-.658		
Step 4	Constant	1.000	.605	-.811	-.721	.067	
	stress_management	-.811	-.503	1.000	.286	-.024	
	general_mood	-.721	-.681	.286	1.000	-.501	
	psychoticism	.067	.387	-.024	-.501	1.000	
	Crime_Convictions(1)	.605	1.000	-.503	-.681	.387	
Step 5	Constant	1.000	.494	-.818	-.733	.001	.167
	stress_management	-.818	-.428	1.000	.349	-.030	-.303
	general_mood	-.733	-.608	.349	1.000	-.431	-.155
	psychoticism	.001	.388	-.030	-.431	1.000	.032
	Drug_Use(1)	.167	-.093	-.303	-.155	.032	1.000
	Crime_Convictions(1)	.494	1.000	-.428	-.608	.388	-.093

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-48.414	31.082	1	.000
Step 2	stress_management	-32.872	17.026	1	.000
	Crime_Convictions	-34.909	21.100	1	.000
Step 3	stress_management	-27.238	13.820	1	.000
	general_mood	-24.360	8.063	1	.005
	Crime_Convictions	-33.336	26.015	1	.000
Step 4	stress_management	-19.138	5.869	1	.015
	general_mood	-21.759	11.111	1	.001
	psychoticism	-20.328	8.250	1	.004
	Crime_Convictions	-27.553	22.700	1	.000
Step 5	stress_management	-17.423	6.515	1	.011
	general_mood	-19.181	10.031	1	.002
	psychoticism	-17.107	5.883	1	.015
	Drug_Use	-16.203	4.074	1	.044
	Crime_Convictions	-19.796	11.259	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.036	1	.849
		Income	2.606	4	.626
		Income(1)	.368	1	.544
		Income(2)	.368	1	.544
		Income(3)	.085	1	.770
		Income(4)	2.277	1	.131
		WISCSPM	4.343	1	.037
		Interpersonal	.299	1	.585
		Intrapersonal	11.426	1	.001
		stress_management	16.100	1	.000
		adaptability	2.171	1	.141
		general_mood	10.617	1	.001
		extraversion	1.682	1	.195
		neuroticism	7.961	1	.005
		psychoticism	14.493	1	.000
		Gender(1)	1.364	1	.243
		Enjoy_School(1)	10.917	1	.001
		Living_Arrang	4.764	5	.445
		Living_Arrang(1)	1.960	1	.161
		Living_Arrang(2)	.000	1	.988
		Living_Arrang(3)	.812	1	.367
		Living_Arrang(4)	.348	1	.555
		Living_Arrang(5)	.908	1	.341
		Sig_Adult_Fig(1)	3.056	1	.080

		Parent_MH(1)	.027	1	.870
		Parent_Drug(1)	6.250	1	.012
		Parent_Alcohol(1)	.206	1	.650
		Parent_Crime(1)	.997	1	.318
		Drug_Use(1)	12.539	1	.000
		Alcohol(1)	3.402	1	.065
		Cigarettes(1)	6.073	1	.014
	Overall Statistics		50.565	29	.008
Step 2	Variables	Highest_Grade	.168	1	.682
		Income	.735	4	.947
		Income(1)	.386	1	.534
		Income(2)	.235	1	.628
		Income(3)	.000	1	.988
		Income(4)	.044	1	.835
		WISCSPM	.440	1	.507
		Interpersonal	.472	1	.492
		Intrapersonal	5.621	1	.018
		adaptability	1.049	1	.306
		general_mood	7.557	1	.006
		extraversion	.461	1	.497
		neuroticism	3.056	1	.080
		psychoticism	5.467	1	.019
		Gender(1)	2.174	1	.140
		Enjoy_School(1)	7.233	1	.007
		Living_Arrang	3.669	5	.598
		Living_Arrang(1)	.051	1	.822
		Living_Arrang(2)	.492	1	.483
		Living_Arrang(3)	2.139	1	.144
		Living_Arrang(4)	.473	1	.492
		Living_Arrang(5)	.156	1	.693
		Sig_Adult_Fig(1)	4.704	1	.030
		Parent_MH(1)	.166	1	.684
		Parent_Drug(1)	5.747	1	.017
		Parent_Alcohol(1)	.138	1	.710
		Parent_Crime(1)	.508	1	.476
		Drug_Use(1)	6.935	1	.008
		Alcohol(1)	4.870	1	.027
		Cigarettes(1)	2.689	1	.101
	Overall Statistics		40.096	28	.065
Step 3	Variables	Highest_Grade	.039	1	.843
		Income	1.345	4	.854
		Income(1)	.954	1	.329
		Income(2)	.157	1	.692
		Income(3)	.138	1	.711
		Income(4)	.182	1	.670
		WISCSPM	.000	1	.984
		Interpersonal	.067	1	.795
		Intrapersonal	2.219	1	.136
		adaptability	.182	1	.670
		extraversion	.938	1	.333
		neuroticism	.441	1	.506

		psychoticism	8.030	1	.005
		Gender(1)	3.559	1	.059
		Enjoy_School(1)	2.907	1	.088
		Living_Arrang	5.873	5	.319
		Living_Arrang(1)	.015	1	.904
		Living_Arrang(2)	1.823	1	.177
		Living_Arrang(3)	2.686	1	.101
		Living_Arrang(4)	.398	1	.528
		Living_Arrang(5)	.860	1	.354
		Sig_Adult_Fig(1)	2.391	1	.122
		Parent_MH(1)	.495	1	.482
		Parent_Drug(1)	5.761	1	.016
		Parent_Alcohol(1)	.202	1	.653
		Parent_Crime(1)	.542	1	.462
		Drug_Use(1)	6.552	1	.010
		Alcohol(1)	2.600	1	.107
		Cigarettes(1)	1.677	1	.195
	Overall Statistics		37.142	27	.092
Step 4	Variables	Highest_Grade	.322	1	.571
		Income	2.623	4	.623
		Income(1)	2.033	1	.154
		Income(2)	.061	1	.805
		Income(3)	.010	1	.919
		Income(4)	.171	1	.679
		WISCSPM	.002	1	.969
		Interpersonal	.189	1	.663
		Intrapersonal	.662	1	.416
		adaptability	.244	1	.622
		extraversion	.054	1	.816
		neuroticism	3.603	1	.058
		Gender(1)	3.466	1	.063
		Enjoy_School(1)	2.014	1	.156
		Living_Arrang	8.884	5	.114
		Living_Arrang(1)	.002	1	.965
		Living_Arrang(2)	3.341	1	.068
		Living_Arrang(3)	3.948	1	.047
		Living_Arrang(4)	2.111	1	.146
		Living_Arrang(5)	.161	1	.689
		Sig_Adult_Fig(1)	.484	1	.487
		Parent_MH(1)	.752	1	.386
		Parent_Drug(1)	3.058	1	.080
		Parent_Alcohol(1)	1.235	1	.266
		Parent_Crime(1)	.359	1	.549
		Drug_Use(1)	4.182	1	.041
		Alcohol(1)	.519	1	.471
		Cigarettes(1)	1.317	1	.251
	Overall Statistics		31.264	26	.219
Step 5	Variables	Highest_Grade	.138	1	.710
		Income	3.430	4	.489
		Income(1)	2.495	1	.114
		Income(2)	.209	1	.647

Income(3)	.016	1	.899
Income(4)	.098	1	.754
WISCSPM	.128	1	.720
Interpersonal	.062	1	.803
Intrapersonal	.389	1	.533
adaptability	.057	1	.811
extraversion	.489	1	.485
neuroticism	3.083	1	.079
Gender(1)	2.119	1	.146
Enjoy_School(1)	1.288	1	.256
Living_Arrang	7.319	5	.198
Living_Arrang(1)	.002	1	.961
Living_Arrang(2)	3.988	1	.046
Living_Arrang(3)	3.639	1	.056
Living_Arrang(4)	1.239	1	.266
Living_Arrang(5)	.017	1	.897
Sig_Adult_Fig(1)	.052	1	.819
Parent_MH(1)	.744	1	.388
Parent_Drug(1)	.961	1	.327
Parent_Alcohol(1)	.344	1	.557
Parent_Crime(1)	.114	1	.736
Alcohol(1)	.479	1	.489
Cigarettes(1)	.937	1	.333
Overall Statistics	34.319	25	.101

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	122.126	-.538
	2	122.122	-.551
	3	122.122	-.551

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 122.122

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Disorders first diagnosed in childhood score70+		Percentage Correct
			Not present	Present	
Step 0	Disorders first diagnosed in childhood score70+	Not present	59	0	100.0
		Present	34	0	.0
	Overall Percentage				63.4

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-.551	.215	6.553	1	.010	.576

ariables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	6.199	1	.013
		Income	9.644	4	.047
		Income(1)	.326	1	.568
		Income(2)	.326	1	.568
		Income(3)	2.816	1	.093
		Income(4)	3.944	1	.047
		WISCSPM	22.523	1	.000
		Interpersonal	1.511	1	.219
		Intrapersonal	2.700	1	.100
		stress_management	19.811	1	.000
		adaptability	3.030	1	.082
		general_mood	3.270	1	.071
		extraversion	1.237	1	.266
		neuroticism	3.022	1	.082
		psychoticism	24.666	1	.000

	Gender(1)	12.984	1	.000
	Enjoy_School(1)	7.720	1	.005
	Living_Arrang	23.331	5	.000
	Living_Arrang(1)	1.754	1	.185
	Living_Arrang(2)	7.886	1	.005
	Living_Arrang(3)	5.379	1	.020
	Living_Arrang(4)	.453	1	.501
	Living_Arrang(5)	3.473	1	.062
	Sig_Adult_Fig(1)	5.385	1	.020
	Parent_MH(1)	2.816	1	.093
	Parent_Drug(1)	8.100	1	.004
	Parent_Alcohol(1)	.208	1	.648
	Parent_Crime(1)	4.650	1	.031
	Drug_Use(1)	33.886	1	.000
	Alcohol(1)	6.977	1	.008
	Cigarettes(1)	22.802	1	.000
	Crime_Convictions(1)	39.486	1	.000
Overall Statistics		59.503	30	.001

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients			
			Constant	Crime_Convictions(1)	psychoticism	Parent_MH(1)
Step 1	1	82.407	-1.257	2.909		
	2	80.829	-1.464	3.664		
	3	80.783	-1.478	3.820		
	4	80.783	-1.478	3.829		
	5	80.783	-1.478	3.829		
Step 2	1	73.774	-1.866	2.368	.245	
	2	69.427	-2.580	3.156	.387	
	3	69.118	-2.811	3.462	.435	
	4	69.115	-2.832	3.498	.439	
	5	69.115	-2.833	3.499	.439	
Step 3	1	72.252	-1.921	2.345	.239	.61
	2	66.272	-2.790	3.204	.398	1.32
	3	65.550	-3.206	3.659	.475	1.64
	4	65.534	-3.282	3.745	.489	1.69
	5	65.534	-3.284	3.747	.489	1.69
	6	65.534	-3.284	3.747	.489	1.69

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 122.122

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	41.339	1	.000
	Block	41.339	1	.000
	Model	41.339	1	.000
Step 2	Step	11.668	1	.001
	Block	53.007	2	.000
	Model	53.007	2	.000
Step 3	Step	3.581	1	.058
	Block	56.588	3	.000
	Model	56.588	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	80.783[a]	.359	.491
2	69.115[a]	.434	.594
3	65.534[b]	.456	.624

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	2.732	6	.842
3	5.323	7	.621

Contingency Table for Hosmer and Lemeshow Test

		Disorders first diagnosed in childhood score70+ = Not present		Disorders first diagnosed in childhood score70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	57	57.000	13	13.000	70
	2	2	2.000	21	21.000	23
Step 2	1	11	11.333	1	.667	12
	2	18	18.326	2	1.674	20
	3	5	4.379	0	.621	5
	4	15	13.934	2	3.066	17
	5	6	7.582	6	4.418	12
	6	3	2.647	7	7.353	10
	7	1	.645	9	9.355	10
	8	0	.154	7	6.846	7
Step 3	1	11	10.603	0	.397	11
	2	16	16.963	2	1.037	18
	3	5	4.547	0	.453	5
	4	12	10.322	0	1.678	12

5	6	6.888	3	2.112	9
6	5	6.168	6	4.832	11
7	3	2.831	7	7.169	10
8	1	.555	7	7.445	8
9	0	.123	9	8.877	9

Classification Table[a]

Observed			Predicted		
			Disorders first diagnosed in childhood score70+		Percentage Correct
			Not present	Present	
Step 1	Disorders first diagnosed in childhood score70+	Not present	57	2	96.6
		Present	13	21	61.8
	Overall Percentage				83.9
Step 2	Disorders first diagnosed in childhood score70+	Not present	55	4	93.2
		Present	11	23	67.6
	Overall Percentage				83.9
Step 3	Disorders first diagnosed in childhood score70+	Not present	55	4	93.2
		Present	11	23	67.6
	Overall Percentage				83.9

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	3.829	.801	22.839	1	.000	46.038	9.573	221.407
	Constant	-1.478	.307	23.128	1	.000	.228		
Step 2[b]	psychoticism	.439	.138	10.161	1	.001	1.552	1.184	2.033
	Crime_Convictions(1)	3.499	.841	17.309	1	.000	33.068	6.362	171.872
	Constant	-2.833	.595	22.654	1	.000	.059		
Step 3[c]	psychoticism	.489	.149	10.711	1	.001	1.631	1.217	2.185
	Parent_MH(1)	1.698	.874	3.776	1	.052	5.462	.985	30.278
	Crime_Convictions(1)	3.747	.886	17.873	1	.000	42.398	7.463	240.879
	Constant	-3.284	.711	21.339	1	.000	.037		

a. Variable(s) entered on step 1: Crime_Convictions.

b. Variable(s) entered on step 2: psychoticism.

c. Variable(s) entered on step 3: Parent_MH.

Correlation Matrix

		Constant	Crime_Convictions (1)	psychoticism	Parent_MH(1)
Step 1	Constant	1.000	-.384		
	Crime_Convictions(1)	-.384	1.000		
Step 2	Constant	1.000	-.296	-.825	
	psychoticism	-.825	.084	1.000	
	Crime_Convictions(1)	-.296	1.000	.084	
Step 3	Constant	1.000	-.406	-.840	-.467
	psychoticism	-.840	.206	1.000	.274
	Parent_MH(1)	-.467	.234	.274	1.000
	Crime_Convictions(1)	-.406	1.000	.206	.234

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-61.061	41.339	1	.000
Step 2	psychoticism	-40.392	11.668	1	.001
	Crime_Convictions	-48.023	26.931	1	.000
Step 3	psychoticism	-39.215	12.896	1	.000
	Parent_MH	-34.558	3.581	1	.058
	Crime_Convictions	-46.996	28.457	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	1.989	1	.158
		Income	.645	4	.958
		Income(1)	.089	1	.766
		Income(2)	.089	1	.766
		Income(3)	.140	1	.708
		Income(4)	.334	1	.563
		WISCSPM	1.723	1	.189
		Interpersonal	.363	1	.547
		Intrapersonal	4.162	1	.041
		stress_management	11.378	1	.001
		adaptability	.344	1	.558
		general_mood	1.863	1	.172
		extraversion	.352	1	.553
		neuroticism	3.018	1	.082
		psychoticism	12.441	1	.000
		Gender(1)	1.436	1	.231
		Enjoy_School(1)	2.944	1	.086

		Living_Arrang	8.451	5	.133
		Living_Arrang(1)	.100	1	.752
		Living_Arrang(2)	.225	1	.635
		Living_Arrang(3)	3.321	1	.068
		Living_Arrang(4)	1.462	1	.227
		Living_Arrang(5)	2.834	1	.092
		Sig_Adult_Fig(1)	.425	1	.515
		Parent_MH(1)	2.600	1	.107
		Parent_Drug(1)	8.725	1	.003
		Parent_Alcohol(1)	.931	1	.335
		Parent_Crime(1)	.039	1	.843
		Drug_Use(1)	10.346	1	.001
		Alcohol(1)	2.426	1	.119
		Cigarettes(1)	4.200	1	.040
	Overall Statistics		34.899	29	.208
Step 2	Variables	Highest_Grade	1.543	1	.214
		Income	1.350	4	.853
		Income(1)	.244	1	.622
		Income(2)	.297	1	.586
		Income(3)	.789	1	.374
		Income(4)	.098	1	.754
		WISCSPM	.709	1	.400
		Interpersonal	.130	1	.719
		Intrapersonal	1.872	1	.171
		stress_management	3.406	1	.065
		adaptability	.093	1	.760
		general_mood	.681	1	.409
		extraversion	.612	1	.434
		neuroticism	1.974	1	.160
		Gender(1)	.539	1	.463
		Enjoy_School(1)	1.309	1	.253
		Living_Arrang	4.617	5	.464
		Living_Arrang(1)	.378	1	.539
		Living_Arrang(2)	.011	1	.917
		Living_Arrang(3)	1.368	1	.242
		Living_Arrang(4)	1.098	1	.295
		Living_Arrang(5)	1.739	1	.187
		Sig_Adult_Fig(1)	.000	1	.995
		Parent_MH(1)	4.222	1	.040
		Parent_Drug(1)	4.196	1	.041
		Parent_Alcohol(1)	1.051	1	.305
		Parent_Crime(1)	.175	1	.676
		Drug_Use(1)	3.445	1	.063
		Alcohol(1)	.780	1	.377
		Cigarettes(1)	1.308	1	.253
	Overall Statistics		32.262	28	.264
Step 3	Variables	Highest_Grade	1.452	1	.228
		Income	1.389	4	.846
		Income(1)	.811	1	.368

Income(2)	.216	1	.642
Income(3)	.261	1	.610
Income(4)	.234	1	.628
WISCSPM	1.293	1	.255
Interpersonal	.051	1	.822
Intrapersonal	.770	1	.380
stress_management	3.403	1	.065
adaptability	.608	1	.435
general_mood	.627	1	.429
extraversion	1.186	1	.276
neuroticism	1.545	1	.214
Gender(1)	.192	1	.661
Enjoy_School(1)	1.157	1	.282
Living_Arrang	3.222	5	.666
Living_Arrang(1)	.447	1	.504
Living_Arrang(2)	.004	1	.950
Living_Arrang(3)	1.556	1	.212
Living_Arrang(4)	1.231	1	.267
Living_Arrang(5)	.207	1	.649
Sig_Adult_Fig(1)	.032	1	.858
Parent_Drug(1)	2.090	1	.148
Parent_Alcohol(1)	.833	1	.361
Parent_Crime(1)	.047	1	.829
Drug_Use(1)	3.103	1	.078
Alcohol(1)	1.004	1	.316
Cigarettes(1)	1.635	1	.201
Overall Statistics	31.400	27	.255

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	94.662	-1.183
	2	94.174	-1.351
	3	94.173	-1.360
	4	94.173	-1.360

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 94.173

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Substance-Related disorder score70+ Not present	Predicted: Substance-Related disorder score70+ Present	Percentage Correct
Step 0	Substance-Related disorder score70+	Not present	74	0	100.0
		Present	19	0	.0
	Overall Percentage				79.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.360	.257	27.947	1	.000	.257

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.617	1	.432
		Income	7.730	4	.102
		Income(1)	.054	1	.817
		Income(2)	.054	1	.817
		Income(3)	1.411	1	.235
		Income(4)	4.806	1	.028
		WISCSPM	19.386	1	.000
		Interpersonal	.414	1	.520
		Intrapersonal	3.481	1	.062
		stress_management	18.769	1	.000
		adaptability	5.437	1	.020
		general_mood	5.811	1	.016

	extraversion	1.918	1	.166
	neuroticism	3.713	1	.054
	psychoticism	20.976	1	.000
	Gender(1)	13.188	1	.000
	Enjoy_School(1)	14.290	1	.000
	Living_Arrang	20.760	5	.001
	Living_Arrang(1)	.260	1	.610
	Living_Arrang(2)	12.111	1	.001
	Living_Arrang(3)	4.077	1	.043
	Living_Arrang(4)	.672	1	.412
	Living_Arrang(5)	.044	1	.834
	Sig_Adult_Fig(1)	7.411	1	.006
	Parent_MH(1)	1.411	1	.235
	Parent_Drug(1)	11.684	1	.001
	Parent_Alcohol(1)	.001	1	.972
	Parent_Crime(1)	2.373	1	.123
	Drug_Use(1)	36.621	1	.000
	Alcohol(1)	3.379	1	.066
	Cigarettes(1)	24.852	1	.000
	Crime_Convictions(1)	37.705	1	.000
Overall Statistics		65.424	30	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients				
			Constant	Crime_Convictions(1)	Drug_Use(1)	stress_management	Parent_Drug(1)
Step 1	1	65.885	-1.771	2.380			
	2	60.815	-2.482	3.110			
	3	60.391	-2.763	3.391			
	4	60.385	-2.803	3.431			
	5	60.385	-2.803	3.432			
Step 2	1	58.719	-2.009	1.507	1.277		
	2	49.661	-3.081	1.870	2.142		
	3	47.635	-3.863	2.049	2.815		
	4	47.370	-4.269	2.103	3.188		
	5	47.361	-4.361	2.109	3.276		
	6	47.361	-4.365	2.109	3.281		
	7	47.361	-4.365	2.109	3.281		
Step 3	1	55.479	-.111	1.378	1.089	-.019	
	2	44.010	.585	1.718	1.813	-.037	
	3	40.892	1.065	1.974	2.438	-.052	
	4	40.409	1.148	2.108	2.842	-.058	
	5	40.388	1.110	2.135	2.963	-.060	
	6	40.388	1.105	2.136	2.971	-.060	
	7	40.388	1.105	2.136	2.972	-.060	
Step 4	1	52.996	-.226	1.559	.717	-.019	.716
	2	39.762	.342	2.151	1.157	-.038	1.316
	3	35.143	.921	2.754	1.554	-.056	1.925

4	33.892	1.303	3.272	1.891	-.071	2.450
5	33.742	1.438	3.528	2.070	-.077	2.712
6	33.739	1.453	3.571	2.103	-.078	2.756
7	33.739	1.453	3.571	2.104	-.078	2.757

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 94.173

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	33.788	1	.000
	Block	33.788	1	.000
	Model	33.788	1	.000
Step 2	Step	13.023	1	.000
	Block	46.812	2	.000
	Model	46.812	2	.000
Step 3	Step	6.974	1	.008
	Block	53.786	3	.000
	Model	53.786	3	.000
Step 4	Step	6.649	1	.010
	Block	60.435	4	.000
	Model	60.435	4	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	60.385[a]	.305	.478
2	47.361[b]	.395	.621
3	40.388[b]	.439	.690
4	33.739[b]	.478	.751

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	3.054	2	.217
3	2.185	8	.975
4	1.857	8	.985

Contingency Table for Hosmer and Lemeshow Test

		Substance-Related disorder score70+ = Not present		Substance-Related disorder score70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	66	66.000	4	4.000	70
	2	8	8.000	15	15.000	23
Step 2	1	57	56.284	0	.716	57
	2	2	2.716	1	.284	3
	3	9	9.716	4	3.284	13
	4	6	5.284	14	14.716	20
Step 3	1	9	8.982	0	.018	9
	2	9	8.970	0	.030	9
	3	9	8.952	0	.048	9
	4	9	8.925	0	.075	9

	5	8	7.898	0	.102	8
	6	9	8.802	0	.198	9
	7	9	8.448	0	.552	9
	8	6	7.192	3	1.808	9
	9	4	4.230	6	5.770	10
	10	2	1.601	10	10.399	12
Step 4	1	9	8.997	0	.003	9
	2	8	7.995	0	.005	8
	3	10	9.987	0	.013	10
	4	9	8.977	0	.023	9
	5	9	8.958	0	.042	9
	6	8	7.906	0	.094	8
	7	9	8.588	0	.412	9
	8	6	7.004	3	1.996	9
	9	4	4.360	5	4.640	9
	10	2	1.227	11	11.773	13

Classification Table[a]

			Predicted		
			Substance-Related disorder score70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Substance-Related disorder score70+	Not present	66	8	89.2
		Present	4	15	78.9
	Overall Percentage				87.1
Step 2	Substance-Related disorder score70+	Not present	68	6	91.9
		Present	5	14	73.7
	Overall Percentage				88.2
Step 3	Substance-Related disorder score70+	Not present	68	6	91.9
		Present	6	13	68.4
	Overall Percentage				87.1
Step 4	Substance-Related disorder score70+	Not present	70	4	94.6
		Present	4	15	78.9
	Overall Percentage				91.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	3.432	.676	25.784	1	.000	30.937	8.226	116.358
	Constant	-2.803	.515	29.639	1	.000	.061		
Step 2[b]	Drug_Use(1)	3.281	1.125	8.503	1	.004	26.589	2.932	241.163
	Crime_Convictions(1)	2.109	.768	7.530	1	.006	8.237	1.827	37.146
	Constant	-4.365	1.039	17.652	1	.000	.013		
Step 3[c]	stress_management	-.060	.025	5.712	1	.017	.942	.897	.989
	Drug_Use(1)	2.972	1.156	6.612	1	.010	19.522	2.027	188.000
	Crime_Convictions(1)	2.136	.855	6.243	1	.012	8.466	1.585	45.226
	Constant	1.105	2.332	.224	1	.636	3.018		
Step 4[d]	stress_management	-.078	.033	5.594	1	.018	.925	.867	.987
	Parent_Drug(1)	2.757	1.272	4.697	1	.030	15.754	1.302	190.670
	Drug_Use(1)	2.104	1.224	2.955	1	.086	8.196	.745	90.204
	Crime_Convictions(1)	3.571	1.281	7.772	1	.005	35.569	2.888	438.043
	Constant	1.453	2.733	.282	1	.595	4.275		

a. Variable(s) entered on step 1: Crime_Convictions.

b. Variable(s) entered on step 2: Drug_Use.

c. Variable(s) entered on step 3: stress_management.

d. Variable(s) entered on step 4: Parent_Drug.

Correlation Matrix

		Constant	Crime_Convictions(1)	Drug_Use(1)	stress_management	Parent_Drug(1)
Step 1	Constant	1.000	-.762			
	Crime_Convictions(1)	-.762	1.000			
Step 2	Constant	1.000	-.198	-.841		
	Drug_Use(1)	-.841	-.236	1.000		
	Crime_Convictions(1)	-.198	1.000	-.236		
Step 3	Constant	1.000	.069	-.378	-.892	
	stress_management	-.892	-.185	.008	1.000	
	Drug_Use(1)	-.378	-.238	1.000	.008	
	Crime_Convictions(1)	.069	1.000	-.238	-.185	
Step 4	Constant	1.000	.028	-.245	-.862	.026
	stress_management	-.862	-.336	-.051	1.000	-.351
	Parent_Drug(1)	.026	.713	-.129	-.351	1.000
	Drug_Use(1)	-.245	-.204	1.000	-.051	-.129
	Crime_Convictions(1)	.028	1.000	-.204	-.336	.713

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-47.087	33.788	1	.000
Step 2	Drug_Use	-30.192	13.023	1	.000
	Crime_Convictions	-27.823	8.285	1	.004
Step 3	stress_management	-23.681	6.974	1	.008
	Drug_Use	-24.934	9.481	1	.002
	Crime_Convictions	-23.623	6.858	1	.009
Step 4	stress_management	-20.940	8.142	1	.004
	Parent_Drug	-20.194	6.649	1	.010
	Drug_Use	-18.731	3.723	1	.054
	Crime_Convictions	-22.841	11.943	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.679	1	.410
		Income	1.083	4	.897
		Income(1)	.338	1	.561
		Income(2)	.338	1	.561
		Income(3)	.050	1	.823
		Income(4)	.511	1	.475
		WISCSPM	1.022	1	.312
		Interpersonal	.022	1	.882
		Intrapersonal	4.719	1	.030
		stress_management	10.268	1	.001
		adaptability	2.246	1	.134
		general_mood	5.006	1	.025
		extraversion	.045	1	.833
		neuroticism	4.054	1	.044
		psychoticism	8.952	1	.003
		Gender(1)	2.884	1	.089
		Enjoy_School(1)	8.497	1	.004
		Living_Arrang	4.829	5	.437
		Living_Arrang(1)	1.960	1	.161
		Living_Arrang(2)	1.001	1	.317
		Living_Arrang(3)	.872	1	.350
		Living_Arrang(4)	.555	1	.456
		Living_Arrang(5)	.233	1	.630
		Sig_Adult_Fig(1)	.975	1	.324
		Parent_MH(1)	.771	1	.380
		Parent_Drug(1)	12.332	1	.000
		Parent_Alcohol(1)	.136	1	.712
		Parent_Crime(1)	.805	1	.370

		Drug_Use(1)	15.278	1	.000
		Alcohol(1)	.494	1	.482
		Cigarettes(1)	8.442	1	.004
	Overall Statistics		51.597	29	.006
Step 2	Variables	Highest_Grade	.949	1	.330
		Income	3.054	4	.549
		Income(1)	.654	1	.419
		Income(2)	1.011	1	.315
		Income(3)	.501	1	.479
		Income(4)	.846	1	.358
		WISCSPM	1.215	1	.270
		Interpersonal	.001	1	.978
		Intrapersonal	2.074	1	.150
		stress_management	6.936	1	.008
		adaptability	2.940	1	.086
		general_mood	3.483	1	.062
		extraversion	.196	1	.658
		neuroticism	2.969	1	.085
		psychoticism	4.354	1	.037
		Gender(1)	2.107	1	.147
		Enjoy_School(1)	6.641	1	.010
		Living_Arrang	7.033	5	.218
		Living_Arrang(1)	2.925	1	.087
		Living_Arrang(2)	.983	1	.322
		Living_Arrang(3)	1.919	1	.166
		Living_Arrang(4)	.529	1	.467
		Living_Arrang(5)	1.631	1	.202
		Sig_Adult_Fig(1)	.075	1	.784
		Parent_MH(1)	.224	1	.636
		Parent_Drug(1)	4.857	1	.028
		Parent_Alcohol(1)	.246	1	.620
		Parent_Crime(1)	.592	1	.442
		Alcohol(1)	.004	1	.949
		Cigarettes(1)	.237	1	.626
	Overall Statistics		36.630	28	.127
Step 3	Variables	Highest_Grade	1.302	1	.254
		Income	3.007	4	.557
		Income(1)	.702	1	.402
		Income(2)	.797	1	.372
		Income(3)	.207	1	.649
		Income(4)	.009	1	.924
		WISCSPM	.032	1	.857
		Interpersonal	.174	1	.676
		Intrapersonal	.217	1	.641
		adaptability	3.134	1	.077
		general_mood	2.101	1	.147
		extraversion	.008	1	.928
		neuroticism	.901	1	.343
		psychoticism	1.695	1	.193
		Gender(1)	3.322	1	.068
		Enjoy_School(1)	4.667	1	.031

		Living_Arrang	5.451	5	.363
		Living_Arrang(1)	.281	1	.596
		Living_Arrang(2)	.173	1	.678
		Living_Arrang(3)	2.709	1	.100
		Living_Arrang(4)	.509	1	.476
		Living_Arrang(5)	2.913	1	.088
		Sig_Adult_Fig(1)	.147	1	.702
		Parent_MH(1)	.619	1	.431
		Parent_Drug(1)	5.897	1	.015
		Parent_Alcohol(1)	.228	1	.633
		Parent_Crime(1)	.272	1	.602
		Alcohol(1)	.027	1	.870
		Cigarettes(1)	.254	1	.614
	Overall Statistics		34.315	27	.157
Step 4	Variables	Highest_Grade	.157	1	.692
		Income	6.002	4	.199
		Income(1)	.539	1	.463
		Income(2)	2.727	1	.099
		Income(3)	.972	1	.324
		Income(4)	.160	1	.689
		WISCSPM	.894	1	.344
		Interpersonal	.053	1	.818
		Intrapersonal	.017	1	.898
		adaptability	2.102	1	.147
		general_mood	1.617	1	.203
		extraversion	.012	1	.914
		neuroticism	1.385	1	.239
		psychoticism	.377	1	.539
		Gender(1)	2.212	1	.137
		Enjoy_School(1)	2.688	1	.101
		Living_Arrang	5.647	5	.342
		Living_Arrang(1)	.057	1	.811
		Living_Arrang(2)	.136	1	.712
		Living_Arrang(3)	.962	1	.327
		Living_Arrang(4)	.693	1	.405
		Living_Arrang(5)	4.522	1	.033
		Sig_Adult_Fig(1)	.762	1	.383
		Parent_MH(1)	.086	1	.769
		Parent_Alcohol(1)	.666	1	.415
		Parent_Crime(1)	2.038	1	.153
		Alcohol(1)	.006	1	.941
		Cigarettes(1)	.116	1	.733
	Overall Statistics		27.721	26	.372

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	66.556	-1.570
	2	63.563	-2.024
	3	63.484	-2.113
	4	63.484	-2.116
	5	63.484	-2.116

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 63.484

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Schizophrenia and other psychotic disorders score70+		Percentage Correct
			not present	present	
Step 0	Schizophrenia and other psychotic disorders score70+	not present	83	0	100.0
		present	10	0	.0
	Overall Percentage				89.2

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.116	.335	39.970	1	.000	.120

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.402	1	.526
		Income	3.608	4	.462
		Income(1)	.504	1	.478
		Income(2)	.504	1	.478
		Income(3)	2.914	1	.088
		Income(4)	.036	1	.850
		WISCSPM	2.400	1	.121
		Interpersonal	1.417	1	.234
		Intrapersonal	5.433	1	.020
		stress_management	11.566	1	.001
		adaptability	.000	1	.986
		general_mood	10.399	1	.001

	extraversion	2.819	1	.093
	neuroticism	10.097	1	.001
	psychoticism	1.489	1	.222
	Gender(1)	.656	1	.418
	Enjoy_School(1)	3.946	1	.047
	Living_Arrang	6.632	5	.249
	Living_Arrang(1)	.122	1	.727
	Living_Arrang(2)	2.505	1	.114
	Living_Arrang(3)	.373	1	.541
	Living_Arrang(4)	.224	1	.636
	Living_Arrang(5)	3.060	1	.080
	Sig_Adult_Fig(1)	.502	1	.479
	Parent_MH(1)	7.320	1	.007
	Parent_Drug(1)	3.047	1	.081
	Parent_Alcohol(1)	1.350	1	.245
	Parent_Crime(1)	2.703	1	.100
	Drug_Use(1)	5.831	1	.016
	Alcohol(1)	.001	1	.972
	Cigarettes(1)	3.052	1	.081
	Crime_Convictions(1)	.167	1	.683
Overall Statistics		46.011	30	.031

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f]

Iteration		-2 Log likelihood	Coefficients							
			Constant	stress_management	Parent_MH(1)	neuroticism	Income(1)	Income(2)	Income(3)	Income(4)
Step 1	1	60.254	.717	-.024						
	2	52.634	2.503	-.049						
	3	51.184	3.829	-.068						
	4	51.083	4.264	-.074						
	5	51.082	4.304	-.074						
	6	51.082	4.304	-.074						
Step 2	1	56.759	.549	-.024	1.010					
	2	47.663	2.141	-.049	1.635					
	3	45.757	3.472	-.068	1.991					
	4	45.589	4.013	-.076	2.117					
	5	45.587	4.080	-.077	2.132					
	6	45.587	4.081	-.077	2.132					
Step 3	1	55.241	-.438	-.017	.980	.066				
	2	44.336	-.113	-.035	1.593	.153				
	3	40.953	-.093	-.049	1.977	.256				
	4	40.232	-.299	-.057	2.169	.337				
	5	40.179	-.407	-.060	2.226	.367				
	6	40.178	-.418	-.060	2.231	.370				
	7	40.178	-.419	-.060	2.231	.370				
Step 4	1	52.428	-.103	-.020	.978	.068	-.909	-.516	.346	-.483
	2	37.649	.843	-.044	1.856	.160	-2.758	-1.258	.543	-1.030
	3	30.986	1.680	-.070	2.751	.283	-4.980	-2.361	.702	-1.577

4	28.433	1.984	-.092	3.560	.423	-7.017	-3.597	.910	-2.019
5	27.782	1.904	-.107	4.108	.540	-8.693	-4.756	1.098	-2.285
6	27.703	1.833	-.112	4.300	.587	-9.931	-5.813	1.181	-2.371
7	27.690	1.825	-.113	4.319	.592	-10.958	-6.822	1.191	-2.379
8	27.685	1.825	-.113	4.319	.592	-11.959	-7.824	1.191	-2.379
9	27.684	1.825	-.113	4.319	.592	-12.960	-8.824	1.191	-2.379
10	27.683	1.825	-.113	4.319	.592	-13.960	-9.824	1.191	-2.379
11	27.683	1.825	-.113	4.319	.592	-14.960	-10.824	1.191	-2.379
12	27.683	1.825	-.113	4.319	.592	-15.960	-11.825	1.191	-2.379
13	27.683	1.825	-.113	4.319	.592	-16.960	-12.825	1.191	-2.379
14	27.683	1.825	-.113	4.319	.592	-17.960	-13.825	1.191	-2.379
15	27.683	1.825	-.113	4.319	.592	-18.960	-14.825	1.191	-2.379
16	27.683	1.825	-.113	4.319	.592	-19.960	-15.825	1.191	-2.379
17	27.683	1.825	-.113	4.319	.592	-20.960	-16.825	1.191	-2.379
18	27.683	1.825	-.113	4.319	.592	-21.960	-17.825	1.191	-2.379
19	27.683	1.825	-.113	4.319	.592	-22.960	-18.825	1.191	-2.379
20	27.683	1.825	-.113	4.319	.592	-23.960	-19.825	1.191	-2.379

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 63.484

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.402	1	.000
	Block	12.402	1	.000
	Model	12.402	1	.000
Step 2	Step	5.495	1	.019
	Block	17.897	2	.000
	Model	17.897	2	.000
Step 3	Step	5.409	1	.020
	Block	23.306	3	.000
	Model	23.306	3	.000
Step 4	Step	12.496	4	.014
	Block	35.802	7	.000
	Model	35.802	7	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	51.082[a]	.125	.252
2	45.587[a]	.175	.354
3	40.178[b]	.222	.448
4	27.683[c]	.320	.646

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	10.222	8	.250
2	1.981	8	.982
3	.939	8	.999
4	1.435	8	.994

Contingency Table for Hosmer and Lemeshow Test

		Schizophrenia and other psychotic disorders score70+ = not present		Schizophrenia and other psychotic disorders score70+ = present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.945	0	.055	8
	2	8	8.884	1	.116	9
	3	10	9.786	0	.214	10
	4	9	8.725	0	.275	9
	5	8	7.663	0	.337	8
	6	9	8.481	0	.519	9
	7	9	8.204	0	.796	9

	8	7	7.967	2	1.033	9
	9	7	7.133	2	1.867	9
	10	8	8.211	5	4.789	13
Step 2	1	9	8.961	0	.039	9
	2	10	9.900	0	.100	10
	3	9	8.850	0	.150	9
	4	10	9.759	0	.241	10
	5	9	8.672	0	.328	9
	6	7	7.585	1	.415	8
	7	8	8.364	1	.636	9
	8	8	7.987	1	1.013	9
	9	4	3.911	1	1.089	5
	10	9	9.011	6	5.989	15
Step 3	1	9	8.993	0	.007	9
	2	9	8.983	0	.017	9
	3	9	8.963	0	.037	9
	4	9	8.924	0	.076	9
	5	9	8.856	0	.144	9
	6	9	8.739	0	.261	9
	7	8	8.442	1	.558	9
	8	8	8.076	1	.924	9
	9	7	7.080	2	1.920	9
	10	6	5.945	6	6.055	12
Step 4	1	10	10.000	0	.000	10
	2	9	9.000	0	.000	9
	3	9	8.999	0	.001	9
	4	9	8.995	0	.005	9
	5	9	8.984	0	.016	9
	6	9	8.952	0	.048	9
	7	9	8.803	0	.197	9
	8	8	8.325	1	.675	9
	9	7	7.931	3	2.069	10
	10	4	3.011	6	6.989	10

Classification Table[a]

Observed			Predicted		
			Schizophrenia and other psychotic disorders score70+		Percentage Correct
			not present	present	
Step 1	Schizophrenia and other psychotic disorders score70+	not present	83	0	100.0
		present	10	0	.0
	Overall Percentage				89.2
Step 2	Schizophrenia and other psychotic disorders score70+	not present	82	1	98.8
		present	8	2	20.0
	Overall Percentage				90.3
Step 3	Schizophrenia and other psychotic disorders score70+	not present	81	2	97.6
		present	6	4	40.0
	Overall Percentage				91.4
Step 4	Schizophrenia and other psychotic disorders score70+	not present	80	3	96.4
		present	4	6	60.0
	Overall Percentage				92.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.074	.025	9.116	1	.003	.928	.885	.974
	Constant	4.304	1.981	4.719	1	.030	74.001		
Step 2[b]	stress_management	-.077	.026	8.804	1	.003	.926	.880	.974
	Parent_MH(1)	2.132	.909	5.503	1	.019	8.435	1.420	50.100
	Constant	4.081	2.072	3.880	1	.049	59.205		
Step 3[c]	stress_management	-.060	.028	4.549	1	.033	.942	.891	.995
	neuroticism	.370	.186	3.942	1	.047	1.447	1.005	2.085
	Parent_MH(1)	2.231	.962	5.384	1	.020	9.311	1.414	61.298
	Constant	-.419	2.936	.020	1	.887	.658		
Step 4[d]	Income			2.947	4	.567			
	Income(1)	-23.960	15240.713	.000	1	.999	.000	.000	.
	Income(2)	-19.825	16334.801	.000	1	.999	.000	.000	.
	Income(3)	1.191	1.396	.729	1	.393	3.291	.214	50.725
	Income(4)	-2.379	1.716	1.923	1	.166	.093	.003	2.674
	stress_management	-.113	.044	6.578	1	.010	.893	.820	.974
	neuroticism	.592	.286	4.273	1	.039	1.807	1.031	3.166
	Parent_MH(1)	4.319	1.641	6.931	1	.008	75.119	3.015	1871.418
	Constant	1.825	3.899	.219	1	.640	6.205		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: Parent_MH.

c. Variable(s) entered on step 3: neuroticism.

d. Variable(s) entered on step 4: Income.

Correlation Matrix

		Constant	stress_management	Parent_MH(1)	neuroticism	Income(1)	Income(2)	Income(3)	Income(4)
Step 1	Constant	1.000	-.983						
	stress_management	-.983	1.000						
Step 2	Constant	1.000	-.976	.123					
	stress_management	-.976	1.000	-.237					
	Parent_MH(1)	.123	-.237	1.000					
Step 3	Constant	1.000	-.786	-.119	-.647				
	stress_management	-.786	1.000	-.116	.065				
	neuroticism	-.647	.065	.212	1.000				
	Parent_MH(1)	-.119	-.116	1.000	.212				
Step 4	Constant	1.000	-.697	-.043	-.506	.000	.000	.023	-.352
	Income(1)	.000	.000	.000	.000	1.000	.000	.000	.000
	Income(2)	.000	.000	.000	.000	.000	1.000	.000	.000
	Income(3)	.023	-.260	-.075	.211	.000	.000	1.000	.110
	Income(4)	-.352	.440	-.377	-.107	.000	.000	.110	1.000
	stress_management	-.697	1.000	-.430	-.247	.000	.000	-.260	.440
	neuroticism	-.506	-.247	.543	1.000	.000	.000	.211	-.107
	Parent_MH(1)	-.043	-.430	1.000	.543	.000	.000	-.075	-.377

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-31.742	12.402	1	.000
Step 2	stress_management	-29.026	12.466	1	.000
	Parent_MH	-25.541	5.495	1	.019
Step 3	stress_management	-22.902	5.626	1	.018
	neuroticism	-22.794	5.409	1	.020
	Parent_MH	-22.901	5.623	1	.018
Step 4	Income	-20.089	12.496	4	.014
	stress_management	-19.274	10.865	1	.001
	neuroticism	-17.667	7.651	1	.006
	Parent_MH	-18.800	9.918	1	.002

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	1.425	1	.233
		Income	7.711	4	.103
		Income(1)	.726	1	.394
		Income(2)	.739	1	.390
		Income(3)	5.359	1	.021
		Income(4)	1.592	1	.207
		WISCSPM	.002	1	.964
		Interpersonal	2.577	1	.108
		Intrapersonal	1.354	1	.245
		adaptability	.664	1	.415
		general_mood	4.921	1	.027
		extraversion	1.925	1	.165
		neuroticism	4.733	1	.030
		psychoticism	.750	1	.386
		Gender(1)	.146	1	.702
		Enjoy_School(1)	.919	1	.338
		Living_Arrang	2.709	5	.745
		Living_Arrang(1)	.005	1	.943
		Living_Arrang(2)	.086	1	.769
		Living_Arrang(3)	.318	1	.573
		Living_Arrang(4)	.064	1	.801
		Living_Arrang(5)	2.059	1	.151
		Sig_Adult_Fig(1)	.414	1	.520
		Parent_MH(1)	6.583	1	.010
		Parent_Drug(1)	1.570	1	.210
		Parent_Alcohol(1)	1.213	1	.271
		Parent_Crime(1)	2.400	1	.121
		Drug_Use(1)	1.316	1	.251

		Alcohol(1)	.286	1	.593
		Cigarettes(1)	.196	1	.658
		Crime_Convictions(1)	.619	1	.431
	Overall Statistics		33.688	29	.251
Step 2	Variables	Highest_Grade	.521	1	.470
		Income	7.933	4	.094
		Income(1)	3.850	1	.050
		Income(2)	.503	1	.478
		Income(3)	2.966	1	.085
		Income(4)	1.647	1	.199
		WISCSPM	.001	1	.978
		Interpersonal	1.056	1	.304
		Intrapersonal	.917	1	.338
		adaptability	1.003	1	.317
		general_mood	3.715	1	.054
		extraversion	3.185	1	.074
		neuroticism	4.723	1	.030
		psychoticism	1.375	1	.241
		Gender(1)	.002	1	.961
		Enjoy_School(1)	.892	1	.345
		Living_Arrang	.687	5	.984
		Living_Arrang(1)	.003	1	.957
		Living_Arrang(2)	.016	1	.898
		Living_Arrang(3)	.203	1	.652
		Living_Arrang(4)	.145	1	.703
		Living_Arrang(5)	.395	1	.530
		Sig_Adult_Fig(1)	1.630	1	.202
		Parent_Drug(1)	.058	1	.809
		Parent_Alcohol(1)	2.603	1	.107
		Parent_Crime(1)	.635	1	.426
		Drug_Use(1)	1.198	1	.274
		Alcohol(1)	.037	1	.847
		Cigarettes(1)	.336	1	.562
		Crime_Convictions(1)	1.215	1	.270
	Overall Statistics		28.009	28	.464
Step 3	Variables	Highest_Grade	.815	1	.367
		Income	10.089	4	.039
		Income(1)	6.815	1	.009
		Income(2)	.637	1	.425
		Income(3)	3.040	1	.081
		Income(4)	.939	1	.333
		WISCSPM	.941	1	.332
		Interpersonal	.330	1	.566
		Intrapersonal	.080	1	.777
		adaptability	.992	1	.319
		general_mood	1.307	1	.253
		extraversion	1.342	1	.247
		psychoticism	.410	1	.522
		Gender(1)	1.451	1	.228
		Enjoy_School(1)	1.263	1	.261
		Living_Arrang	.671	5	.985

		Living_Arrang(1)	.004	1	.951
		Living_Arrang(2)	.255	1	.613
		Living_Arrang(3)	.161	1	.688
		Living_Arrang(4)	.080	1	.777
		Living_Arrang(5)	.107	1	.744
		Sig_Adult_Fig(1)	1.821	1	.177
		Parent_Drug(1)	.089	1	.765
		Parent_Alcohol(1)	3.360	1	.067
		Parent_Crime(1)	1.284	1	.257
		Drug_Use(1)	2.111	1	.146
		Alcohol(1)	.120	1	.729
		Cigarettes(1)	.711	1	.399
		Crime_Convictions(1)	.255	1	.614
	Overall Statistics		22.184	27	.728
Step 4	Variables	Highest_Grade	.248	1	.618
		WISCSPM	.114	1	.735
		Interpersonal	1.987	1	.159
		Intrapersonal	.403	1	.526
		adaptability	1.382	1	.240
		general_mood	.373	1	.541
		extraversion	.002	1	.963
		psychoticism	.028	1	.867
		Gender(1)	3.200	1	.074
		Enjoy_School(1)	1.274	1	.259
		Living_Arrang	4.145	5	.529
		Living_Arrang(1)	.000	1	.989
		Living_Arrang(2)	.991	1	.319
		Living_Arrang(3)	.008	1	.928
		Living_Arrang(4)	1.821	1	.177
		Living_Arrang(5)	2.303	1	.129
		Sig_Adult_Fig(1)	1.931	1	.165
		Parent_Drug(1)	.989	1	.320
		Parent_Alcohol(1)	.091	1	.763
		Parent_Crime(1)	.709	1	.400
		Drug_Use(1)	3.367	1	.067
		Alcohol(1)	.152	1	.697
		Cigarettes(1)	.957	1	.328
		Crime_Convictions(1)	.012	1	.914
	Overall Statistics		15.642	23	.870

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	89.225	-1.269
	2	88.466	-1.483
	3	88.463	-1.497
	4	88.463	-1.498

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 88.463

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Mood disorders score70+		Percentage Correct
			not present	present	
Step 0	Mood disorders score70+	not present	76	0	100.0
		present	17	0	.0
	Overall Percentage				81.7

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.498	.268	31.155	1	.000	.224

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	1.799	1	.180
		Income	2.166	4	.705
		Income(1)	.935	1	.334
		Income(2)	.126	1	.722
		Income(3)	.417	1	.519
		Income(4)	.675	1	.411
		WISCSPM	7.570	1	.006
		Interpersonal	.016	1	.899
		Intrapersonal	10.534	1	.001
		stress_management	15.167	1	.000
		adaptability	3.813	1	.051
		general_mood	14.643	1	.000

	extraversion	5.789	1	.016
	neuroticism	20.167	1	.000
	psychoticism	3.033	1	.082
	Gender(1)	.224	1	.636
	Enjoy_School(1)	10.023	1	.002
	Living_Arrang	8.550	5	.128
	Living_Arrang(1)	.226	1	.634
	Living_Arrang(2)	7.654	1	.006
	Living_Arrang(3)	.470	1	.493
	Living_Arrang(4)	.176	1	.675
	Living_Arrang(5)	.039	1	.844
	Sig_Adult_Fig(1)	5.045	1	.025
	Parent_MH(1)	.417	1	.519
	Parent_Drug(1)	.068	1	.795
	Parent_Alcohol(1)	.514	1	.473
	Parent_Crime(1)	.022	1	.882
	Drug_Use(1)	4.950	1	.026
	Alcohol(1)	2.708	1	.100
	Cigarettes(1)	3.588	1	.058
	Crime_Convictions(1)	3.022	1	.082
Overall Statistics		51.238	30	.009

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients		
			Constant	neuroticism	WISCSPM
Step 1	1	73.314	-2.434	.197	
	2	65.921	-3.882	.348	
	3	64.466	-4.857	.449	
	4	64.364	-5.200	.484	
	5	64.364	-5.232	.487	
	6	64.364	-5.232	.487	
Step 2	1	68.543	-.041	.189	-.024
	2	58.208	.112	.353	-.042
	3	55.248	.002	.493	-.056
	4	54.809	-.146	.572	-.062
	5	54.795	-.188	.588	-.064
	6	54.795	-.190	.589	-.064
	7	54.795	-.190	.589	-.064

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 88.463

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	24.099	1	.000
	Block	24.099	1	.000
	Model	24.099	1	.000
Step 2	Step	9.568	1	.002
	Block	33.667	2	.000
	Model	33.667	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	64.364[a]	.228	.372
2	54.795[b]	.304	.495

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	8.861	8	.354
2	14.609	8	.067

Contingency Table for Hosmer and Lemeshow Test

		Mood disorders score70+ = not present		Mood disorders score70+ = present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	5	4.973	0	.027	5
	2	11	10.905	0	.095	11
	3	8	7.888	0	.112	8
	4	12	12.571	1	.429	13
	5	12	11.112	0	.888	12
	6	7	7.746	2	1.254	9
	7	3	4.749	3	1.251	6
	8	7	4.899	0	2.101	7
	9	7	6.477	4	4.523	11
	10	4	4.679	7	6.321	11
Step 2	1	9	8.991	0	.009	9
	2	9	8.976	0	.024	9
	3	9	8.932	0	.068	9
	4	9	8.852	0	.148	9
	5	7	8.719	2	.281	9

	6	9	8.372	0	.628	9
	7	9	7.661	0	1.339	9
	8	6	6.616	3	2.384	9
	9	6	4.820	3	4.180	9
	10	3	4.062	9	7.938	12

Classification Table[a]

			Predicted		
			Mood disorders score70+		
	Observed		not present	present	Percentage Correct
Step 1	Mood disorders score70+	not present	72	4	94.7
		present	10	7	41.2
	Overall Percentage				84.9
Step 2	Mood disorders score70+	not present	72	4	94.7
		present	7	10	58.8
	Overall Percentage				88.2

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.487	.132	13.618	1	.000	1.628	1.257	2.109
	Constant	-5.232	1.217	18.489	1	.000	.005		
Step 2[b]	WISCSPM	-.064	.023	7.633	1	.006	.938	.897	.982
	neuroticism	.589	.163	12.983	1	.000	1.802	1.308	2.483
	Constant	-.190	2.054	.009	1	.926	.827		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: WISCSPM.

Correlation Matrix

		Constant	neuroticism	WISCSPM
Step 1	Constant	1.000	-.967	
	neuroticism	-.967	1.000	
Step 2	Constant	1.000	-.308	-.735
	WISCSPM	-.735	-.401	1.000
	neuroticism	-.308	1.000	-.401

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-44.231	24.099	1	.000
Step 2	WISCSPM	-32.182	9.568	1	.002
	neuroticism	-40.416	26.036	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	1.904	1	.168
		Income	2.135	4	.711
		Income(1)	1.489	1	.222
		Income(2)	.003	1	.960
		Income(3)	.537	1	.464
		Income(4)	.255	1	.613
		WISCSPM	9.043	1	.003
		Interpersonal	.123	1	.726
		Intrapersonal	2.034	1	.154
		stress_management	5.834	1	.016
		adaptability	.634	1	.426
		general_mood	1.934	1	.164
		extraversion	.810	1	.368
		psychoticism	2.674	1	.102
		Gender(1)	1.067	1	.302
		Enjoy_School(1)	7.506	1	.006
		Living_Arrang	12.211	5	.032
		Living_Arrang(1)	.165	1	.685
		Living_Arrang(2)	11.513	1	.001
		Living_Arrang(3)	.346	1	.556
		Living_Arrang(4)	.282	1	.595
		Living_Arrang(5)	.303	1	.582
		Sig_Adult_Fig(1)	4.308	1	.038
		Parent_MH(1)	.353	1	.552
		Parent_Drug(1)	.000	1	.994
		Parent_Alcohol(1)	.018	1	.895

		Parent_Crime(1)	.034	1	.853
		Drug_Use(1)	3.547	1	.060
		Alcohol(1)	.976	1	.323
		Cigarettes(1)	2.130	1	.144
		Crime_Convictions(1)	3.011	1	.083
	Overall Statistics		36.477	29	.160
Step 2	Variables	Highest_Grade	.420	1	.517
		Income	2.312	4	.679
		Income(1)	1.555	1	.212
		Income(2)	.394	1	.530
		Income(3)	.410	1	.522
		Income(4)	.098	1	.754
		Interpersonal	.715	1	.398
		Intrapersonal	3.115	1	.078
		stress_management	1.409	1	.235
		adaptability	.001	1	.970
		general_mood	1.264	1	.261
		extraversion	2.436	1	.119
		psychoticism	.545	1	.461
		Gender(1)	.122	1	.727
		Enjoy_School(1)	2.839	1	.092
		Living_Arrang	8.843	5	.116
		Living_Arrang(1)	.125	1	.724
		Living_Arrang(2)	8.092	1	.004
		Living_Arrang(3)	.078	1	.780
		Living_Arrang(4)	1.613	1	.204
		Living_Arrang(5)	.012	1	.911
		Sig_Adult_Fig(1)	1.463	1	.226
		Parent_MH(1)	1.004	1	.316
		Parent_Drug(1)	.182	1	.670
		Parent_Alcohol(1)	.255	1	.614
		Parent_Crime(1)	.228	1	.633
		Drug_Use(1)	.219	1	.640
		Alcohol(1)	.044	1	.833
		Cigarettes(1)	.035	1	.851
		Crime_Convictions(1)	.295	1	.587
	Overall Statistics		31.457	28	.297

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 0	1	89.225	-1.269
	2	88.466	-1.483
	3	88.463	-1.497
	4	88.463	-1.498

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 88.463

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Anxiety disorders score70+		Percentage Correct
			not present	present	
Step 0	Anxiety disorders score70+	not present	76	0	100.0
		present	17	0	.0
	Overall Percentage				81.7

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.498	.268	31.155	1	.000	.224

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	.849	1	.357
		Income	1.085	4	.897
		Income(1)	.935	1	.334
		Income(2)	.126	1	.722
		Income(3)	.024	1	.877
		Income(4)	.000	1	.993
		WISCSPM	1.881	1	.170
		Interpersonal	3.788	1	.052
		Intrapersonal	4.391	1	.036
		stress_management	10.341	1	.001
		adaptability	1.230	1	.267
		general_mood	7.473	1	.006
		extraversion	1.079	1	.299
		neuroticism	20.831	1	.000
		psychoticism	.908	1	.341
		Gender(1)	1.035	1	.309
		Enjoy_School(1)	2.085	1	.149
		Living_Arrang	8.327	5	.139
		Living_Arrang(1)	4.519	1	.034
		Living_Arrang(2)	3.061	1	.080
		Living_Arrang(3)	.693	1	.405
		Living_Arrang(4)	.176	1	.675

	Living_Arrang(5)	.039	1	.844
	Sig_Adult_Fig(1)	2.090	1	.148
	Parent_MH(1)	5.045	1	.025
	Parent_Drug(1)	.749	1	.387
	Parent_Alcohol(1)	2.506	1	.113
	Parent_Crime(1)	.022	1	.882
	Drug_Use(1)	7.760	1	.005
	Alcohol(1)	.961	1	.327
	Cigarettes(1)	5.927	1	.015
	Crime_Convictions(1)	.245	1	.621
Overall Statistics		54.945	30	.004

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients			
			Constant	neuroticism	Drug_Use(1)	Interpersonal
Step 1	1	72.789	-2.453	.200		
	2	65.092	-3.935	.355		
	3	63.496	-4.966	.462		
	4	63.372	-5.352	.501		
	5	63.371	-5.392	.505		
	6	63.371	-5.393	.505		
Step 2	1	69.218	-2.630	.186	.728	
	2	59.740	-4.344	.341	1.197	
	3	57.263	-5.726	.469	1.504	
	4	56.950	-6.427	.534	1.638	
	5	56.943	-6.554	.545	1.660	
	6	56.943	-6.557	.546	1.661	
	7	56.943	-6.557	.546	1.661	
Step 3	1	64.690	-5.052	.193	.798	.026
	2	54.066	-8.360	.348	1.275	.043
	3	51.281	-10.636	.481	1.577	.052
	4	50.867	-11.732	.557	1.721	.055
	5	50.852	-11.975	.575	1.754	.055
	6	50.852	-11.986	.575	1.756	.055
	7	50.852	-11.986	.575	1.756	.055

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 88.463

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	25.091	1	.000
	Block	25.091	1	.000
	Model	25.091	1	.000
Step 2	Step	6.428	1	.011
	Block	31.520	2	.000
	Model	31.520	2	.000
Step 3	Step	6.091	1	.014
	Block	37.610	3	.000
	Model	37.610	3	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	63.371[a]	.236	.385
2	56.943[b]	.287	.468
3	50.852[b]	.333	.542

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	11.347	8	.183
2	6.669	8	.573
3	2.950	8	.937

Contingency Table for Hosmer and Lemeshow Test

		Anxiety disorders score70+ = not present		Anxiety disorders score70+ = present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	5	4.977	0	.023	5
	2	11	10.918	0	.082	11
	3	8	7.901	0	.099	8
	4	13	12.607	0	.393	13
	5	12	11.160	0	.840	12
	6	5	7.783	4	1.217	9
	7	4	4.765	2	1.235	6
	8	6	4.897	1	2.103	7
	9	8	6.426	3	4.574	11
	10	4	4.565	7	6.435	11
Step 2	1	11	10.976	0	.024	11
	2	10	9.949	0	.051	10
	3	8	7.911	0	.089	8

	4	8	7.855	0	.145	8
	5	8	8.576	1	.424	9
	6	10	9.144	0	.856	10
	7	9	7.851	1	2.149	10
	8	4	6.268	5	2.732	9
	9	4	4.749	5	4.251	9

Classification Table[a]

			Predicted		
			Anxiety disorders score70+		Percentage Correct
	Observed		not present	present	
Step 1	Anxiety disorders score70+	not present	72	4	94.7
		present	10	7	41.2
	Overall Percentage				84.9
Step 2	Anxiety disorders score70+	not present	69	7	90.8
		present	11	6	35.3
	Overall Percentage				80.6
Step 3	Anxiety disorders score70+	not present	70	6	92.1
		present	9	8	47.1
	Overall Percentage				83.9

a. The cut value is .500

	10	4	2.722	5	6.278	9
Step 3	1	9	8.987	0	.013	9
	2	9	8.970	0	.030	9
	3	9	8.945	0	.055	9
	4	9	8.843	0	.157	9
	5	9	8.723	0	.277	9
	6	9	8.561	0	.439	9
	7	7	7.997	2	1.003	9
	8	7	6.602	2	2.398	9
	9	4	5.080	5	3.920	9
	10	4	3.292	8	8.708	12

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.505	.136	13.788	1	.000	1.657	1.269	2.164
	Constant	-5.393	1.259	18.344	1	.000	.005		
Step 2[b]	neuroticism	.546	.154	12.486	1	.000	1.726	1.275	2.336
	Drug_Use(1)	1.661	.689	5.817	1	.016	5.264	1.365	20.295
	Constant	-6.557	1.566	17.543	1	.000	.001		
Step 3[c]	Interpersonal	.055	.024	5.294	1	.021	1.057	1.008	1.107
	neuroticism	.575	.167	11.821	1	.001	1.778	1.281	2.468
	Drug_Use(1)	1.756	.734	5.716	1	.017	5.789	1.372	24.419
	Constant	-11.986	3.083	15.111	1	.000	.000		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: Drug_Use.

c. Variable(s) entered on step 3: Interpersonal.

Correlation Matrix

		Constant	neuroticism	Drug_Use(1)	Constant	Interpersonal	neuroticism	Drug_Use(1)
Step 1	Constant	1.000	-.968					
	neuroticism	-.968	1.000					
Step 2	Constant	1.000	-.950	-.468				
	neuroticism	-.950	1.000	.260				
	Drug_Use(1)	-.468	.260	1.000				
Step 3	Constant				1.000	-.847	-.662	-.353
	Interpersonal				-.847	1.000	.198	.156
	neuroticism				-.662	.198	1.000	.222
	Drug_Use(1)				-.353	.156	.222	1.000

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-44.231	25.091	1	.000
Step 2	neuroticism	-40.510	24.077	1	.000
	Drug_Use	-31.686	6.428	1	.011
Step 3	Interpersonal	-28.472	6.091	1	.014
	neuroticism	-37.581	24.309	1	.000
	Drug_Use	-28.611	6.370	1	.012

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.787	1	.375
		Income	1.999	4	.736
		Income(1)	1.517	1	.218
		Income(2)	.003	1	.954
		Income(3)	.055	1	.814
		Income(4)	.133	1	.716
		WISCSPM	2.144	1	.143
		Interpersonal	5.749	1	.016
		Intrapersonal	.013	1	.910
		stress_management	2.291	1	.130
		adaptability	.051	1	.821
		general_mood	.016	1	.900
		extraversion	.454	1	.500
		psychoticism	.521	1	.470
		Gender(1)	.182	1	.670
		Enjoy_School(1)	.641	1	.424
		Living_Arrang	12.243	5	.032
		Living_Arrang(1)	6.526	1	.011
		Living_Arrang(2)	4.648	1	.031
		Living_Arrang(3)	.997	1	.318
		Living_Arrang(4)	.283	1	.595
		Living_Arrang(5)	.303	1	.582
		Sig_Adult_Fig(1)	1.388	1	.239
		Parent_MH(1)	5.851	1	.016
		Parent_Drug(1)	.485	1	.486
		Parent_Alcohol(1)	1.688	1	.194
		Parent_Crime(1)	.035	1	.851
		Drug_Use(1)	6.382	1	.012
		Alcohol(1)	.000	1	.983
		Cigarettes(1)	4.377	1	.036
		Crime_Convictions(1)	.126	1	.723
	Overall Statistics		44.981	29	.030

Step 2	Variables	Highest_Grade	.202	1	.653
		Income	3.404	4	.493
		Income(1)	1.979	1	.159
		Income(2)	.292	1	.589
		Income(3)	.187	1	.665
		Income(4)	.182	1	.669
		WISCSPM	.107	1	.744
		Interpersonal	5.884	1	.015
		Intrapersonal	.077	1	.781
		stress_management	.669	1	.414
		adaptability	.063	1	.802
		general_mood	.066	1	.797
		extraversion	.007	1	.933
		psychoticism	.096	1	.756
		Gender(1)	1.687	1	.194
		Enjoy_School(1)	.001	1	.975
		Living_Arrang	7.930	5	.160
		Living_Arrang(1)	3.082	1	.079
		Living_Arrang(2)	2.103	1	.147
		Living_Arrang(3)	1.759	1	.185
		Living_Arrang(4)	.628	1	.428
		Living_Arrang(5)	.907	1	.341
		Sig_Adult_Fig(1)	.159	1	.690
		Parent_MH(1)	4.617	1	.032
		Parent_Drug(1)	.113	1	.737
		Parent_Alcohol(1)	1.911	1	.167
		Parent_Crime(1)	.107	1	.743
		Alcohol(1)	.606	1	.436
		Cigarettes(1)	.003	1	.954
		Crime_Convictions(1)	2.184	1	.139
	Overall Statistics		40.524	28	.059
Step 3	Variables	Highest_Grade	.679	1	.410
		Income	5.408	4	.248
		Income(1)	2.751	1	.097
		Income(2)	.001	1	.975
		Income(3)	.773	1	.379
		Income(4)	.652	1	.419
		WISCSPM	.489	1	.485
		Intrapersonal	.017	1	.896
		stress_management	.404	1	.525
		adaptability	.164	1	.686
		general_mood	.539	1	.463
		extraversion	2.605	1	.107
		psychoticism	.046	1	.830
		Gender(1)	.744	1	.388
		Enjoy_School(1)	.598	1	.439
		Living_Arrang	5.733	5	.333
		Living_Arrang(1)	1.838	1	.175
		Living_Arrang(2)	1.341	1	.247
		Living_Arrang(3)	.519	1	.471
		Living_Arrang(4)	1.491	1	.222

Living_Arrang(5)	.905	1	.342
Sig_Adult_Fig(1)	.075	1	.785
Parent_MH(1)	2.277	1	.131
Parent_Drug(1)	.498	1	.480
Parent_Alcohol(1)	2.472	1	.116
Parent_Crime(1)	.336	1	.562
Alcohol(1)	.377	1	.539
Cigarettes(1)	.128	1	.720
Crime_Convictions(1)	2.055	1	.152
Overall Statistics	35.283	27	.132

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	99.659	-1.097
	2	99.354	-1.228
	3	99.354	-1.232
	4	99.354	-1.232

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 99.354

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Adjustment disorders score70+		Percentage Correct
			not present	present	
Step 0	Adjustment disorders score70+	not present	72	0	100.0
		present	21	0	.0
	Overall Percentage				77.4

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.232	.248	24.683	1	.000	.292

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	1.553	1	.213
		Income	8.689	4	.069
		Income(1)	.014	1	.906
		Income(2)	.014	1	.906
		Income(3)	5.925	1	.015
		Income(4)	1.356	1	.244
		WISCSPM	9.477	1	.002
		Interpersonal	.316	1	.574
		Intrapersonal	11.567	1	.001
		stress_management	18.652	1	.000
		adaptability	.369	1	.544
		general_mood	8.378	1	.004
		extraversion	.068	1	.794

	neuroticism	14.692	1	.000
	psychoticism	13.545	1	.000
	Gender(1)	3.660	1	.056
	Enjoy_School(1)	5.026	1	.025
	Living_Arrang	8.364	5	.137
	Living_Arrang(1)	.295	1	.587
	Living_Arrang(2)	1.780	1	.182
	Living_Arrang(3)	.205	1	.651
	Living_Arrang(4)	.338	1	.561
	Living_Arrang(5)	3.396	1	.065
	Sig_Adult_Fig(1)	5.925	1	.015
	Parent_MH(1)	2.871	1	.090
	Parent_Drug(1)	8.973	1	.003
	Parent_Alcohol(1)	1.014	1	.314
	Parent_Crime(1)	2.990	1	.084
	Drug_Use(1)	29.895	1	.000
	Alcohol(1)	4.096	1	.043
	Cigarettes(1)	19.069	1	.000
	Crime_Convictions(1)	15.308	1	.000
Overall Statistics		54.406	30	.004

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients		
			Constant	Drug_Use(1)	neuroticism
Step 1	1	74.632	-1.800	1.982	
	2	69.784	-2.555	2.737	
	3	69.307	-2.885	3.067	
	4	69.296	-2.943	3.125	
	5	69.296	-2.944	3.127	
	6	69.296	-2.944	3.127	
Step 2	1	65.773	-2.615	1.819	.147
	2	55.701	-4.310	2.696	.273
	3	53.389	-5.585	3.324	.370
	4	53.185	-6.108	3.574	.410
	5	53.182	-6.171	3.603	.414
	6	53.182	-6.172	3.603	.414

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 99.354

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	30.057	1	.000
	Block	30.057	1	.000
	Model	30.057	1	.000
Step 2	Step	16.114	1	.000
	Block	46.171	2	.000
	Model	46.171	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	69.296[a]	.276	.421
2	53.182[a]	.391	.596

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	2.007	8	.981

Contingency Table for Hosmer and Lemeshow Test

		Adjustment disorders score70+ = not present		Adjustment disorders score70+ = present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	57	57.000	3	3.000	60
	2	15	15.000	18	18.000	33
Step 2	1	11	10.969	0	.031	11
	2	10	9.945	0	.055	10
	3	10	9.870	0	.130	10
	4	9	8.731	0	.269	9
	5	8	8.400	1	.600	9
	6	8	7.990	1	1.010	9
	7	6	6.491	2	1.509	8
	8	4	4.617	3	2.383	7
	9	5	3.686	6	7.314	11
	10	1	1.301	8	7.699	9

Classification Table[a]

Observed			Predicted		
			Adjustment disorders score70+		Percentage Correct
			not present	present	
Step 1	Adjustment disorders score70+	not present	57	15	79.2
		present	3	18	85.7
	Overall Percentage				80.6
Step 2	Adjustment disorders score70+	not present	66	6	91.7
		present	7	14	66.7
	Overall Percentage				86.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Drug_Use(1)	3.127	.688	20.665	1	.000	22.800	5.922	87.783
	Constant	-2.944	.592	24.709	1	.000	.053		
Step 2[b]	neuroticism	.414	.127	10.587	1	.001	1.513	1.179	1.943
	Drug_Use(1)	3.603	.826	19.012	1	.000	36.713	7.268	185.448
	Constant	-6.172	1.359	20.638	1	.000	.002		

a. Variable(s) entered on step 1: Drug_Use.

b. Variable(s) entered on step 2: neuroticism.

Correlation Matrix

		Constant	Drug_Use(1)	neuroticism
Step 1	Constant	1.000	-.861	
	Drug_Use(1)	-.861	1.000	
Step 2	Constant	1.000	-.714	-.890
	neuroticism	-.890	.418	1.000
	Drug_Use(1)	-.714	1.000	.418

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Drug_Use	-49.677	30.057	1	.000
Step 2	neuroticism	-34.648	16.114	1	.000
	Drug_Use	-41.606	30.030	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	.003	1	.959
		Income	3.138	4	.535
		Income(1)	.065	1	.798
		Income(2)	.652	1	.420
		Income(3)	2.354	1	.125
		Income(4)	.159	1	.690
		WISCSPM	1.359	1	.244
		Interpersonal	1.786	1	.181
		Intrapersonal	7.608	1	.006
		stress_management	8.645	1	.003
		adaptability	.017	1	.897
		general_mood	4.753	1	.029
		extraversion	1.407	1	.235
		neuroticism	14.462	1	.000
		psychoticism	1.671	1	.196
		Gender(1)	.003	1	.956
		Enjoy_School(1)	.969	1	.325
		Living_Arrang	2.396	5	.792
		Living_Arrang(1)	1.237	1	.266
		Living_Arrang(2)	.082	1	.774
		Living_Arrang(3)	.039	1	.844
		Living_Arrang(4)	.478	1	.489
		Living_Arrang(5)	.638	1	.425
		Sig_Adult_Fig(1)	.504	1	.478
		Parent_MH(1)	1.382	1	.240
		Parent_Drug(1)	.742	1	.389
		Parent_Alcohol(1)	.303	1	.582

		Parent_Crime(1)	.650	1	.420
		Alcohol(1)	.237	1	.627
		Cigarettes(1)	.486	1	.486
		Crime_Convictions(1)	.424	1	.515
	Overall Statistics		35.163	29	.199
Step 2	Variables	Highest_Grade	.148	1	.700
		Income	8.502	4	.075
		Income(1)	.009	1	.926
		Income(2)	1.660	1	.198
		Income(3)	6.471	1	.011
		Income(4)	.242	1	.623
		WISCSPM	1.323	1	.250
		Interpersonal	.970	1	.325
		Intrapersonal	2.694	1	.101
		stress_management	3.567	1	.059
		adaptability	.620	1	.431
		general_mood	.249	1	.618
		extraversion	.017	1	.897
		psychoticism	3.511	1	.061
		Gender(1)	.799	1	.371
		Enjoy_School(1)	.080	1	.777
		Living_Arrang	2.168	5	.825
		Living_Arrang(1)	1.458	1	.227
		Living_Arrang(2)	.004	1	.952
		Living_Arrang(3)	.001	1	.980
		Living_Arrang(4)	.035	1	.851
		Living_Arrang(5)	.807	1	.369
		Sig_Adult_Fig(1)	.864	1	.353
		Parent_MH(1)	1.404	1	.236
		Parent_Drug(1)	.903	1	.342
		Parent_Alcohol(1)	.038	1	.845
		Parent_Crime(1)	1.845	1	.174
		Alcohol(1)	.041	1	.839
		Cigarettes(1)	.630	1	.427
		Crime_Convictions(1)	1.043	1	.307
	Overall Statistics		24.452	28	.657

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients
			Constant
Step 0	1	127.621	.237
	2	127.621	.238
	3	127.621	.238

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 127.621

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			One or more clinically significant APS scores		Percentage Correct
			Nuts	Not nuts	
Step 0	One or more clinically significant APS scores	Nuts	0	41	.0
		Not nuts	0	52	100.0
	Overall Percentage				55.9

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.238	.209	1.295	1	.255	1.268

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	6.487	1	.011
		Income	11.269	4	.024
		Income(1)	.059	1	.808
		Income(2)	1.620	1	.203
		Income(3)	2.850	1	.091
		Income(4)	4.152	1	.042
		WISCSPM	21.182	1	.000
		Interpersonal	.402	1	.526
		Intrapersonal	7.254	1	.007
		stress_management	30.791	1	.000
		adaptability	3.316	1	.069
		general_mood	8.902	1	.003
		extraversion	.370	1	.543
		neuroticism	12.953	1	.000
		psychoticism	21.365	1	.000
		Gender(1)	3.150	1	.076
		Enjoy_School(1)	12.065	1	.001
		Living_Arrang	22.711	5	.000
		Living_Arrang(1)	1.282	1	.258
		Living_Arrang(2)	9.601	1	.002
		Living_Arrang(3)	3.932	1	.047
		Living_Arrang(4)	.010	1	.920

	Living_Arrang(5)	2.625	1	.105
	Sig_Adult_Fig(1)	5.342	1	.021
	Parent_MH(1)	5.342	1	.021
	Parent_Drug(1)	7.932	1	.005
	Parent_Alcohol(1)	.902	1	.342
	Parent_Crime(1)	6.641	1	.010
	Drug_Use(1)	34.478	1	.000
	Alcohol(1)	7.756	1	.005
	Cigarettes(1)	25.164	1	.000
	Crime_Convictions(1)	32.963	1	.000
Overall Statistics		64.804	30	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f,g]

Iteration		-2 Log likelihood	Coefficients					
			Constant	Drug_Use(1)	stress_management	Crime_Convictions(1)	Parent_MH(1)	Gender(1)
Step 1	1	91.527	1.133	-2.527				
	2	90.795	1.279	-2.970				
	3	90.790	1.285	-3.008				
	4	90.790	1.285	-3.008				
Step 2	1	74.505	-3.332	-1.914	.045			
	2	68.534	-5.650	-2.609	.072			
	3	67.853	-6.770	-2.947	.085			
	4	67.837	-6.970	-3.008	.087			
	5	67.837	-6.975	-3.010	.087			
	6	67.837	-6.975	-3.010	.087			
Step 3	1	68.193	-2.893	-1.212	.041	-1.354		
	2	58.420	-5.293	-1.687	.070	-2.305		
	3	56.088	-6.973	-2.068	.090	-3.091		
	4	55.866	-7.630	-2.231	.097	-3.451		
	5	55.863	-7.708	-2.250	.098	-3.502		
	6	55.863	-7.709	-2.251	.098	-3.502		
Step 4	1	64.213	-2.838	-1.124	.041	-1.344	-1.052	
	2	51.345	-5.358	-1.554	.073	-2.445	-2.065	
	3	47.427	-7.527	-1.970	.100	-3.490	-2.855	
	4	46.822	-8.744	-2.225	.115	-4.112	-3.280	
	5	46.802	-9.013	-2.282	.118	-4.254	-3.374	
	6	46.802	-9.023	-2.284	.118	-4.260	-3.378	

	7	46.802	-9.023	-2.284	.118	-4.260	-3.378	
Step 5	1	62.150	-2.937	-1.211	.040	-1.580	-1.181	.569
	2	46.867	-5.672	-1.802	.072	-3.011	-2.471	1.225
	3	40.937	-8.265	-2.518	.101	-4.549	-3.831	1.980
	4	39.365	-10.335	-3.151	.125	-5.789	-4.972	2.654
	5	39.205	-11.281	-3.446	.135	-6.321	-5.493	2.971
	6	39.202	-11.417	-3.488	.137	-6.392	-5.566	3.016
	7	39.202	-11.419	-3.488	.137	-6.393	-5.567	3.016
	8	39.202	-11.419	-3.488	.137	-6.393	-5.567	3.016

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 127.621

d. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

g. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	36.831	1	.000
	Block	36.831	1	.000
	Model	36.831	1	.000
Step 2	Step	22.953	1	.000
	Block	59.784	2	.000
	Model	59.784	2	.000
Step 3	Step	11.974	1	.001
	Block	71.758	3	.000
	Model	71.758	3	.000
Step 4	Step	9.061	1	.003
	Block	80.819	4	.000
	Model	80.819	4	.000
Step 5	Step	7.600	1	.006
	Block	88.419	5	.000
	Model	88.419	5	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	90.790[a]	.327	.438
2	67.837[b]	.474	.635
3	55.863[b]	.538	.720
4	46.802[c]	.581	.778
5	39.202[d]	.614	.822

a. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	5.278	8	.727
3	8.017	8	.432
4	6.109	8	.635
5	2.315	8	.970

Contingency Table for Hosmer and Lemeshow Test

		One or more clinically significant APS scores = Nuts		One or more clinically significant APS scores = Not nuts		
		Observed	Expected	Observed	Expected	Total
Step 1	1	28	28.000	5	5.000	33
	2	13	13.000	47	47.000	60
Step 2	1	9	8.879	0	.121	9
	2	10	9.447	0	.553	10
	3	7	7.455	2	1.545	9
	4	5	5.997	4	3.003	9
	5	4	3.597	5	5.403	9
	6	3	2.372	6	6.628	9
	7	2	1.512	7	7.488	9
	8	0	.940	9	8.060	9
	9	0	.514	9	8.486	9
	10	1	.286	10	10.714	11
Step 3	1	9	8.989	0	.011	9
	2	9	8.877	0	.123	9
	3	8	7.351	0	.649	8
	4	7	6.727	2	2.273	9
	5	2	3.986	7	5.014	9
	6	2	2.190	6	5.810	8
	7	3	1.426	6	7.574	9
	8	0	.812	9	8.188	9
	9	0	.371	8	7.629	8
	10	1	.272	14	14.728	15
Step 4	1	9	8.997	0	.003	9
	2	9	8.943	0	.057	9
	3	8	8.542	1	.458	9
	4	7	6.933	2	2.067	9
	5	4	4.042	5	4.958	9
	6	1	1.856	8	7.144	9
	7	3	1.031	7	8.969	10
	8	0	.422	9	8.578	9
	9	0	.184	10	9.816	10
	10	0	.051	10	9.949	10
Step 5	1	10	9.999	0	.001	10
	2	9	8.982	0	.018	9
	3	10	9.635	0	.365	10
	4	7	7.227	3	2.773	10
	5	2	3.106	7	5.894	9
	6	2	1.322	7	7.678	9
	7	1	.472	8	8.528	9
	8	0	.190	9	8.810	9
	9	0	.058	9	8.942	9
	10	0	.008	9	8.992	9

Classification Table[a]

Observed			Predicted		
			One or more clinically significant APS scores		Percentage Correct
			Nuts	Not nuts	
Step 1	One or more clinically significant APS scores	Nuts	28	13	68.3
		Not nuts	5	47	90.4
	Overall Percentage				80.6
Step 2	One or more clinically significant APS scores	Nuts	32	9	78.0
		Not nuts	6	46	88.5
	Overall Percentage				83.9
Step 3	One or more clinically significant APS scores	Nuts	34	7	82.9
		Not nuts	4	48	92.3
	Overall Percentage				88.2
Step 4	One or more clinically significant APS scores	Nuts	36	5	87.8
		Not nuts	4	48	92.3
	Overall Percentage				90.3
Step 5	One or more clinically significant APS scores	Nuts	36	5	87.8
		Not nuts	3	49	94.2
	Overall Percentage				91.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Drug_Use(1)	-3.008	.578	27.096	1	.000	.049	.016	.153
	Constant	1.285	.313	16.820	1	.000	3.615		
Step 2[b]	stress_management	.087	.022	15.327	1	.000	1.091	1.044	1.140
	Drug_Use(1)	-3.010	.705	18.214	1	.000	.049	.012	.196
	Constant	-6.975	2.066	11.400	1	.001	.001		
Step 3[c]	stress_management	.098	.026	14.300	1	.000	1.103	1.048	1.161
	Drug_Use(1)	-2.251	.810	7.723	1	.005	.105	.022	.515
	Crime_Convictions(1)	-3.502	1.246	7.896	1	.005	.030	.003	.347
	Constant	-7.709	2.354	10.726	1	.001	.000		
Step 4[d]	stress_management	.118	.031	15.000	1	.000	1.125	1.060	1.195
	Parent_MH(1)	-3.378	1.273	7.044	1	.008	.034	.003	.413
	Drug_Use(1)	-2.284	.866	6.953	1	.008	.102	.019	.556
	Crime_Convictions(1)	-4.260	1.387	9.426	1	.002	.014	.001	.214
	Constant	-9.023	2.677	11.360	1	.001	.000		
Step 5[e]	stress_management	.137	.038	13.349	1	.000	1.147	1.066	1.234
	Gender(1)	3.016	1.326	5.179	1	.023	20.419	1.520	274.360
	Parent_MH(1)	-5.567	1.989	7.833	1	.005	.004	.000	.188
	Drug_Use(1)	-3.488	1.200	8.446	1	.004	.031	.003	.321
	Crime_Convictions(1)	-6.393	1.867	11.726	1	.001	.002	.000	.065
	Constant	-11.419	3.408	11.230	1	.001	.000		

a. Variable(s) entered on step 1: Drug_Use.

b. Variable(s) entered on step 2: stress_management.

c. Variable(s) entered on step 3: Crime_Convictions.

d. Variable(s) entered on step 4: Parent_MH.

e. Variable(s) entered on step 5: Gender.

Correlation Matrix

		Constant	Drug_Use(1)	Constant	stress_management	Drug_Use(1)	Constant	stress_management	Drug_Use(1)	Crime_Convictions(1)	Parent_MH(1)	Gender(1)
Step 1	Constant	1.000	-.542									
	Drug_Use(1)	-.542	1.000									
Step 2	Constant			1.000	-.984	.202						
	stress_management			-.984	1.000	-.299						
	Drug_Use(1)			.202	-.299	1.000						
Step 3	Constant						1.000	-.985	.213	.245		
	stress_management						-.985	1.000	-.296	-.279		
	Drug_Use(1)						.213	-.296	1.000	-.084		
	Crime_Convictions(1)						.245	-.279	-.084	1.000		
Step 4	Constant						1.000	-.983	.222	.370	.431	
	stress_management						-.983	1.000	-.310	-.414	-.494	
	Parent_MH(1)						.431	-.494	.154	.307	1.000	
	Drug_Use(1)						.222	-.310	1.000	-.007	.154	
	Crime_Convictions(1)						.370	-.414	-.007	1.000	.307	
Step 5	Constant						1.000	-.987	.449	.582	.596	-.498
	stress_management						-.987	1.000	-.484	-.594	-.611	.452
	Gender(1)						-.498	.452	-.592	-.642	-.647	1.000
	Parent_MH(1)						.596	-.611	.456	.596	1.000	-.647
	Drug_Use(1)						.449	-.484	1.000	.402	.456	-.592
	Crime_Convictions(1)						.582	-.594	.402	1.000	.596	-.642

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Drug_Use	-63.811	36.831	1	.000
Step 2	stress_management	-45.395	22.953	1	.000
	Drug_Use	-46.127	24.416	1	.000
Step 3	stress_management	-39.306	22.748	1	.000
	Drug_Use	-32.212	8.561	1	.003
	Crime_Convictions	-33.919	11.974	1	.001
Step 4	stress_management	-36.708	26.615	1	.000
	Parent_MH	-27.932	9.061	1	.003
	Drug_Use	-27.299	7.796	1	.005
	Crime_Convictions	-30.947	15.092	1	.000
Step 5	stress_management	-33.759	28.315	1	.000
	Gender	-23.401	7.600	1	.006
	Parent_MH	-26.357	13.511	1	.000
	Drug_Use	-25.663	12.124	1	.000
	Crime_Convictions	-30.652	22.102	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	2.638	1	.104
		Income	3.904	4	.419
		Income(1)	.030	1	.863
		Income(2)	.109	1	.741
		Income(3)	.642	1	.423
		Income(4)	2.366	1	.124
		WISCSPM	10.429	1	.001
		Interpersonal	.013	1	.910
		Intrapersonal	4.445	1	.035
		stress_management	21.700	1	.000
		adaptability	1.799	1	.180
		general_mood	5.134	1	.023
		extraversion	.751	1	.386
		neuroticism	12.228	1	.000
		psychoticism	6.520	1	.011
		Gender(1)	.183	1	.669
		Enjoy_School(1)	6.691	1	.010
		Living_Arrang	9.492	5	.091
		Living_Arrang(1)	.184	1	.668
		Living_Arrang(2)	3.589	1	.058
		Living_Arrang(3)	2.890	1	.089
		Living_Arrang(4)	.020	1	.887
		Living_Arrang(5)	.295	1	.587
		Sig_Adult_Fig(1)	.384	1	.535
		Parent_MH(1)	4.399	1	.036
		Parent_Drug(1)	.317	1	.573
		Parent_Alcohol(1)	.131	1	.718
		Parent_Crime(1)	3.627	1	.057
		Alcohol(1)	1.351	1	.245
		Cigarettes(1)	.060	1	.806
		Crime_Convictions(1)	12.820	1	.000
	Overall Statistics		49.135	29	.011
Step 2	Variables	Highest_Grade	2.957	1	.085
		Income	3.325	4	.505
		Income(1)	.038	1	.846
		Income(2)	.386	1	.534
		Income(3)	1.843	1	.175
		Income(4)	.524	1	.469
		WISCSPM	3.614	1	.057
		Interpersonal	2.054	1	.152
		Intrapersonal	1.056	1	.304
		adaptability	.017	1	.897
		general_mood	.446	1	.504
		extraversion	.008	1	.930

		neuroticism	3.860	1	.049
		psychoticism	.123	1	.726
		Gender(1)	.114	1	.736
		Enjoy_School(1)	1.994	1	.158
		Living_Arrang	12.110	5	.033
		Living_Arrang(1)	4.023	1	.045
		Living_Arrang(2)	3.833	1	.050
		Living_Arrang(3)	1.668	1	.196
		Living_Arrang(4)	.012	1	.913
		Living_Arrang(5)	.115	1	.734
		Sig_Adult_Fig(1)	.204	1	.652
		Parent_MH(1)	5.650	1	.017
		Parent_Drug(1)	.245	1	.620
		Parent_Alcohol(1)	.111	1	.739
		Parent_Crime(1)	3.878	1	.049
		Alcohol(1)	1.379	1	.240
		Cigarettes(1)	.229	1	.632
		Crime_Convictions(1)	11.731	1	.001
	Overall Statistics		34.452	28	.186
Step 3	Variables	Highest_Grade	.643	1	.423
		Income	3.241	4	.518
		Income(1)	.311	1	.577
		Income(2)	.272	1	.602
		Income(3)	2.597	1	.107
		Income(4)	.029	1	.865
		WISCSPM	.021	1	.884
		Interpersonal	4.677	1	.031
		Intrapersonal	3.890	1	.049
		adaptability	.358	1	.549
		general_mood	.563	1	.453
		extraversion	.339	1	.560
		neuroticism	5.290	1	.021
		psychoticism	1.216	1	.270
		Gender(1)	2.974	1	.085
		Enjoy_School(1)	1.121	1	.290
		Living_Arrang	4.203	5	.521
		Living_Arrang(1)	.699	1	.403
		Living_Arrang(2)	.404	1	.525
		Living_Arrang(3)	.494	1	.482
		Living_Arrang(4)	.044	1	.834
		Living_Arrang(5)	.930	1	.335
		Sig_Adult_Fig(1)	.016	1	.899
		Parent_MH(1)	8.996	1	.003
		Parent_Drug(1)	2.171	1	.141
		Parent_Alcohol(1)	1.004	1	.316
		Parent_Crime(1)	1.262	1	.261
		Alcohol(1)	.730	1	.393
		Cigarettes(1)	.888	1	.346
	Overall Statistics		30.062	27	.311
Step 4	Variables	Highest_Grade	.562	1	.454
		Income	6.697	4	.153
		Income(1)	6.060	1	.014

		Income(2)	.588	1	.443
		Income(3)	.186	1	.666
		Income(4)	.112	1	.737
		WISCSPM	1.026	1	.311
		Interpersonal	1.719	1	.190
		Intrapersonal	1.133	1	.287
		adaptability	.364	1	.546
		general_mood	.656	1	.418
		extraversion	.753	1	.386
		neuroticism	3.591	1	.058
		psychoticism	.871	1	.351
		Gender(1)	6.417	1	.011
		Enjoy_School(1)	.658	1	.417
		Living_Arrang	3.546	5	.616
		Living_Arrang(1)	1.253	1	.263
		Living_Arrang(2)	.293	1	.588
		Living_Arrang(3)	.726	1	.394
		Living_Arrang(4)	.079	1	.778
		Living_Arrang(5)	.581	1	.446
		Sig_Adult_Fig(1)	.255	1	.614
		Parent_Drug(1)	.002	1	.965
		Parent_Alcohol(1)	.610	1	.435
		Parent_Crime(1)	.008	1	.929
		Alcohol(1)	1.745	1	.187
		Cigarettes(1)	.542	1	.462
	Overall Statistics		24.517	26	.546
Step 5	Variables	Highest_Grade	.006	1	.939
		Income	7.991	4	.092
		Income(1)	7.656	1	.006
		Income(2)	.049	1	.825
		Income(3)	.017	1	.897
		Income(4)	.004	1	.952
		WISCSPM	.267	1	.605
		Interpersonal	1.639	1	.200
		Intrapersonal	.043	1	.836
		adaptability	.072	1	.789
		general_mood	.006	1	.939
		extraversion	.359	1	.549
		neuroticism	1.642	1	.200
		psychoticism	.071	1	.790
		Enjoy_School(1)	.703	1	.402
		Living_Arrang	2.507	5	.775
		Living_Arrang(1)	.979	1	.322
		Living_Arrang(2)	.450	1	.502
		Living_Arrang(3)	.151	1	.698
		Living_Arrang(4)	.021	1	.884
		Living_Arrang(5)	.041	1	.840
		Sig_Adult_Fig(1)	.289	1	.591
		Parent_Drug(1)	.611	1	.435
		Parent_Alcohol(1)	.529	1	.467
		Parent_Crime(1)	.445	1	.505

Alcohol(1)	1.101	1	.294
Cigarettes(1)	1.797	1	.180
Overall Statistics	24.409	25	.496

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	127.621	-.237
	2	127.621	-.238
	3	127.621	-.238

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 127.621

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: One or more clinically significant APS scores: Not Nuts	Predicted: One or more clinically significant APS scores: Nuts	Percentage Correct
Step 0	One or more clinically significant APS scores	Not Nuts	52	0	100.0
		Nuts	41	0	.0
	Overall Percentage				55.9

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-.238	.209	1.295	1	.255	.788

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	Highest_Grade	6.487	1	.011
		Income	11.269	4	.024
		Income(1)	.059	1	.808
		Income(2)	1.620	1	.203
		Income(3)	2.850	1	.091
		Income(4)	4.152	1	.042
		WISCSPM	21.182	1	.000
		Interpersonal	.402	1	.526

	Intrapersonal	7.254	1	.007
	stress_management	30.791	1	.000
	adaptability	3.316	1	.069
	general_mood	8.902	1	.003
	extraversion	.370	1	.543
	neuroticism	12.953	1	.000
	psychoticism	21.365	1	.000
	Gender(1)	3.150	1	.076
	Enjoy_School(1)	12.065	1	.001
	Living_Arrang	22.711	5	.000
	Living_Arrang(1)	1.282	1	.258
	Living_Arrang(2)	9.601	1	.002
	Living_Arrang(3)	3.932	1	.047
	Living_Arrang(4)	.010	1	.920
	Living_Arrang(5)	2.625	1	.105
	Sig_Adult_Fig(1)	5.342	1	.021
	Parent_MH(1)	5.342	1	.021
	Parent_Drug(1)	7.932	1	.005
	Parent_Alcohol(1)	.902	1	.342
	Parent_Crime(1)	6.641	1	.010
	Drug_Use(1)	34.478	1	.000
	Alcohol(1)	7.756	1	.005
	Cigarettes(1)	25.164	1	.000
	Crime_Convictions(1)	32.963	1	.000
Overall Statistics		64.804	30	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e,f,g]

Iteration		-2 Log likelihood	Coefficients					
			Constant	Drug_Use(1)	stress_management	Crime_Convictions(1)	Parent_MH(1)	Gender(1)
Step 1	1	91.527	-1.133	2.527				
	2	90.795	-1.279	2.970				
	3	90.790	-1.285	3.008				
	4	90.790	-1.285	3.008				
Step 2	1	74.505	3.332	1.914	-.045			
	2	68.534	5.650	2.609	-.072			
	3	67.853	6.770	2.947	-.085			
	4	67.837	6.970	3.008	-.087			
	5	67.837	6.975	3.010	-.087			
	6	67.837	6.975	3.010	-.087			
Step 3	1	68.193	2.893	1.212	-.041	1.354		
	2	58.420	5.293	1.687	-.070	2.305		
	3	56.088	6.973	2.068	-.090	3.091		
	4	55.866	7.630	2.231	-.097	3.451		
	5	55.863	7.708	2.250	-.098	3.502		
	6	55.863	7.709	2.251	-.098	3.502		
Step 4	1	64.213	2.838	1.124	-.041	1.344	1.052	
	2	51.345	5.358	1.554	-.073	2.445	2.065	
	3	47.427	7.527	1.970	-.100	3.490	2.855	
	4	46.822	8.744	2.225	-.115	4.112	3.280	
	5	46.802	9.013	2.282	-.118	4.254	3.374	

	6	46.802	9.023	2.284	-.118	4.260	3.378	
	7	46.802	9.023	2.284	-.118	4.260	3.378	
Step 5	1	62.150	2.937	1.211	-.040	1.580	1.181	-.569
	2	46.867	5.672	1.802	-.072	3.011	2.471	-1.225
	3	40.937	8.265	2.518	-.101	4.549	3.831	-1.980
	4	39.365	10.335	3.151	-.125	5.789	4.972	-2.654
	5	39.205	11.281	3.446	-.135	6.321	5.493	-2.971
	6	39.202	11.417	3.488	-.137	6.392	5.566	-3.016
	7	39.202	11.419	3.488	-.137	6.393	5.567	-3.016
	8	39.202	11.419	3.488	-.137	6.393	5.567	-3.016

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 127.621

d. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

f. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

g. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	36.831	1	.000
	Block	36.831	1	.000
	Model	36.831	1	.000
Step 2	Step	22.953	1	.000
	Block	59.784	2	.000
	Model	59.784	2	.000
Step 3	Step	11.974	1	.001
	Block	71.758	3	.000
	Model	71.758	3	.000
Step 4	Step	9.061	1	.003
	Block	80.819	4	.000
	Model	80.819	4	.000
Step 5	Step	7.600	1	.006
	Block	88.419	5	.000
	Model	88.419	5	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	90.790[a]	.327	.438
2	67.837[b]	.474	.635
3	55.863[b]	.538	.720
4	46.802[c]	.581	.778
5	39.202[d]	.614	.822

a. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

c. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.
2	7.247	8	.510
3	11.833	8	.159
4	3.269	8	.916
5	2.428	8	.965

Contingency Table for Hosmer and Lemeshow Test

		One or more clinically significant APS scores = Not Nuts		One or more clinically significant APS scores = Nuts		
		Observed	Expected	Observed	Expected	Total
Step 1	1	47	47.000	13	13.000	60
	2	5	5.000	28	28.000	33
Step 2	1	8	8.790	1	.210	9
	2	9	8.557	0	.443	9
	3	10	9.041	0	.959	10
	4	8	7.558	1	1.442	9
	5	6	7.429	4	2.571	10
	6	5	5.403	4	3.597	9
	7	4	3.003	5	5.997	9
	8	2	1.545	7	7.455	9
	9	0	.553	10	9.447	10
	10	0	.121	9	8.879	9
Step 3	1	8	8.887	1	.113	9
	2	9	8.735	0	.265	9
	3	9	8.443	0	.557	9
	4	8	7.917	1	1.083	9
	5	7	7.851	3	2.149	10
	6	7	5.856	2	3.144	9
	7	4	2.685	4	5.315	8
	8	0	1.389	9	7.611	9
	9	0	.212	9	8.788	9
	10	0	.026	12	11.974	12
Step 4	1	9	8.959	0	.041	9
	2	8	7.884	0	.116	8
	3	10	9.629	0	.371	10
	4	8	9.098	2	.902	10
	5	7	7.394	2	1.606	9
	6	7	5.712	2	3.288	9
	7	2	2.513	7	6.487	9
	8	1	.725	9	9.275	10
	9	0	.081	9	8.919	9
	10	0	.005	10	9.995	10
Step 5	1	9	8.992	0	.008	9
	2	9	8.942	0	.058	9
	3	9	8.810	0	.190	9
	4	8	8.528	1	.472	9
	5	7	7.678	2	1.322	9
	6	7	5.894	2	3.106	9
	7	3	2.693	6	6.307	9
	8	0	.428	9	8.572	9
	9	0	.036	10	9.964	10
	10	0	.001	11	10.999	11

Classification Table[a]

Observed			Predicted		
			One or more clinically significant APS scores		Percentage Correct
			Not Nuts	Nuts	
Step 1	One or more clinically significant APS scores	Not Nuts	47	5	90.4
		Nuts	13	28	68.3
	Overall Percentage				80.6
Step 2	One or more clinically significant APS scores	Not Nuts	46	6	88.5
		Nuts	9	32	78.0
	Overall Percentage				83.9
Step 3	One or more clinically significant APS scores	Not Nuts	48	4	92.3
		Nuts	7	34	82.9
	Overall Percentage				88.2
Step 4	One or more clinically significant APS scores	Not Nuts	48	4	92.3
		Nuts	5	36	87.8
	Overall Percentage				90.3
Step 5	One or more clinically significant APS scores	Not Nuts	49	3	94.2
		Nuts	5	36	87.8
	Overall Percentage				91.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Drug_Use(1)	3.008	.578	27.096	1	.000	20.246	6.523	62.836
	Constant	-1.285	.313	16.820	1	.000	.277		
Step 2[b]	stress_management	-.087	.022	15.327	1	.000	.917	.877	.957
	Drug_Use(1)	3.010	.705	18.214	1	.000	20.280	5.091	80.785
	Constant	6.975	2.066	11.400	1	.001	1069.969		
Step 3[c]	stress_management	-.098	.026	14.300	1	.000	.906	.861	.954
	Drug_Use(1)	2.251	.810	7.723	1	.005	9.493	1.941	46.423
	Crime_Convictions(1)	3.502	1.246	7.896	1	.005	33.195	2.885	381.944
	Constant	7.709	2.354	10.726	1	.001	2228.220		
Step 4[d]	stress_management	-.118	.031	15.000	1	.000	.889	.837	.943
	Parent_MH(1)	3.378	1.273	7.044	1	.008	29.316	2.419	355.276
	Drug_Use(1)	2.284	.866	6.953	1	.008	9.820	1.798	53.642
	Crime_Convictions(1)	4.260	1.387	9.426	1	.002	70.780	4.666	1073.618
	Constant	9.023	2.677	11.360	1	.001	8293.088		
Step 5[e]	stress_management	-.137	.038	13.349	1	.000	.872	.810	.938
	Gender(1)	-3.016	1.326	5.179	1	.023	.049	.004	.658
	Parent_MH(1)	5.567	1.989	7.833	1	.005	261.742	5.305	12913.888
	Drug_Use(1)	3.488	1.200	8.446	1	.004	32.730	3.114	344.038
	Crime_Convictions(1)	6.393	1.867	11.726	1	.001	597.497	15.390	23196.497
	Constant	11.419	3.408	11.230	1	.001	91037.738		

a. Variable(s) entered on step 1: Drug_Use.

b. Variable(s) entered on step 2: stress_management.

c. Variable(s) entered on step 3: Crime_Convictions.

d. Variable(s) entered on step 4: Parent_MH.

e. Variable(s) entered on step 5: Gender.

Correlation Matrix

		Constant	Drug_Use(1)	Constant	stress_management	Drug_Use(1)	Constant	stress_management	Drug_Use(1)	Crime_Convictions(1)	Parent_MH(1)	Gender(1)
Step 1	Constant	1.000	-.542									
	Drug_Use(1)	-.542	1.000									
Step 2	Constant			1.000	-.984	.202						
	stress_management			-.984	1.000	-.299						
	Drug_Use(1)			.202	-.299	1.000						
Step 3	Constant						1.000	-.985	.213	.245		
	stress_management						-.985	1.000	-.296	-.279		
	Drug_Use(1)						.213	-.296	1.000	-.084		
	Crime_Convictions(1)						.245	-.279	-.084	1.000		
Step 4	Constant						1.000	-.983	.222	.370	.431	
	stress_management						-.983	1.000	-.310	-.414	-.494	
	Parent_MH(1)						.431	-.494	.154	.307	1.000	
	Drug_Use(1)						.222	-.310	1.000	-.007	.154	
	Crime_Convictions(1)						.370	-.414	-.007	1.000	.307	
Step 5	Constant						1.000	-.987	.449	.582	.596	-.498
	stress_management						-.987	1.000	-.484	-.594	-.611	.452
	Gender(1)						-.498	.452	-.592	-.642	-.647	1.000
	Parent_MH(1)						.596	-.611	.456	.596	1.000	-.647
	Drug_Use(1)						.449	-.484	1.000	.402	.456	-.592
	Crime_Convictions(1)						.582	-.594	.402	1.000	.596	-.642

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Drug_Use	-63.811	36.831	1	.000
Step 2	stress_management	-45.395	22.953	1	.000
	Drug_Use	-46.127	24.416	1	.000
Step 3	stress_management	-39.306	22.748	1	.000
	Drug_Use	-32.212	8.561	1	.003
	Crime_Convictions	-33.919	11.974	1	.001
Step 4	stress_management	-36.708	26.615	1	.000
	Parent_MH	-27.932	9.061	1	.003
	Drug_Use	-27.299	7.796	1	.005
	Crime_Convictions	-30.947	15.092	1	.000
Step 5	stress_management	-33.759	28.315	1	.000
	Gender	-23.401	7.600	1	.006
	Parent_MH	-26.357	13.511	1	.000
	Drug_Use	-25.663	12.124	1	.000
	Crime_Convictions	-30.652	22.102	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	Highest_Grade	2.638	1	.104
		Income	3.904	4	.419
		Income(1)	.030	1	.863
		Income(2)	.109	1	.741
		Income(3)	.642	1	.423
		Income(4)	2.366	1	.124
		WISCSPM	10.429	1	.001
		Interpersonal	.013	1	.910
		Intrapersonal	4.445	1	.035
		stress_management	21.700	1	.000
		adaptability	1.799	1	.180
		general_mood	5.134	1	.023
		extraversion	.751	1	.386
		neuroticism	12.228	1	.000
		psychoticism	6.520	1	.011
		Gender(1)	.183	1	.669
		Enjoy_School(1)	6.691	1	.010
		Living_Arrang	9.492	5	.091
		Living_Arrang(1)	.184	1	.668
		Living_Arrang(2)	3.589	1	.058
		Living_Arrang(3)	2.890	1	.089
		Living_Arrang(4)	.020	1	.887
		Living_Arrang(5)	.295	1	.587
		Sig_Adult_Fig(1)	.384	1	.535

		Parent_MH(1)	4.399	1	.036
		Parent_Drug(1)	.317	1	.573
		Parent_Alcohol(1)	.131	1	.718
		Parent_Crime(1)	3.627	1	.057
		Alcohol(1)	1.351	1	.245
		Cigarettes(1)	.060	1	.806
		Crime_Convictions(1)	12.820	1	.000
	Overall Statistics		49.135	29	.011
Step 2	Variables	Highest_Grade	2.957	1	.085
		Income	3.325	4	.505
		Income(1)	.038	1	.846
		Income(2)	.386	1	.534
		Income(3)	1.843	1	.175
		Income(4)	.524	1	.469
		WISCSPM	3.614	1	.057
		Interpersonal	2.054	1	.152
		Intrapersonal	1.056	1	.304
		adaptability	.017	1	.897
		general_mood	.446	1	.504
		extraversion	.008	1	.930
		neuroticism	3.860	1	.049
		psychoticism	.123	1	.726
		Gender(1)	.114	1	.736
		Enjoy_School(1)	1.994	1	.158
		Living_Arrang	12.110	5	.033
		Living_Arrang(1)	4.023	1	.045
		Living_Arrang(2)	3.833	1	.050
		Living_Arrang(3)	1.668	1	.196
		Living_Arrang(4)	.012	1	.913
		Living_Arrang(5)	.115	1	.734
		Sig_Adult_Fig(1)	.204	1	.652
		Parent_MH(1)	5.650	1	.017
		Parent_Drug(1)	.245	1	.620
		Parent_Alcohol(1)	.111	1	.739
		Parent_Crime(1)	3.878	1	.049
		Alcohol(1)	1.379	1	.240
		Cigarettes(1)	.229	1	.632
		Crime_Convictions(1)	11.731	1	.001
	Overall Statistics		34.452	28	.186
Step 3	Variables	Highest_Grade	.643	1	.423
		Income	3.241	4	.518
		Income(1)	.311	1	.577
		Income(2)	.272	1	.602
		Income(3)	2.597	1	.107
		Income(4)	.029	1	.865
		WISCSPM	.021	1	.884
		Interpersonal	4.677	1	.031
		Intrapersonal	3.890	1	.049
		adaptability	.358	1	.549
		general_mood	.563	1	.453
		extraversion	.339	1	.560

		neuroticism	5.290	1	.021
		psychoticism	1.216	1	.270
		Gender(1)	2.974	1	.085
		Enjoy_School(1)	1.121	1	.290
		Living_Arrang	4.203	5	.521
		Living_Arrang(1)	.699	1	.403
		Living_Arrang(2)	.404	1	.525
		Living_Arrang(3)	.494	1	.482
		Living_Arrang(4)	.044	1	.834
		Living_Arrang(5)	.930	1	.335
		Sig_Adult_Fig(1)	.016	1	.899
		Parent_MH(1)	8.996	1	.003
		Parent_Drug(1)	2.171	1	.141
		Parent_Alcohol(1)	1.004	1	.316
		Parent_Crime(1)	1.262	1	.261
		Alcohol(1)	.730	1	.393
		Cigarettes(1)	.888	1	.346
	Overall Statistics		30.062	27	.311
Step 4	Variables	Highest_Grade	.562	1	.454
		Income	6.697	4	.153
		Income(1)	6.060	1	.014
		Income(2)	.588	1	.443
		Income(3)	.186	1	.666
		Income(4)	.112	1	.737
		WISCSPM	1.026	1	.311
		Interpersonal	1.719	1	.190
		Intrapersonal	1.133	1	.287
		adaptability	.364	1	.546
		general_mood	.656	1	.418
		extraversion	.753	1	.386
		neuroticism	3.591	1	.058
		psychoticism	.871	1	.351
		Gender(1)	6.417	1	.011
		Enjoy_School(1)	.658	1	.417
		Living_Arrang	3.546	5	.616
		Living_Arrang(1)	1.253	1	.263
		Living_Arrang(2)	.293	1	.588
		Living_Arrang(3)	.726	1	.394
		Living_Arrang(4)	.079	1	.778
		Living_Arrang(5)	.581	1	.446
		Sig_Adult_Fig(1)	.255	1	.614
		Parent_Drug(1)	.002	1	.965
		Parent_Alcohol(1)	.610	1	.435
		Parent_Crime(1)	.008	1	.929
		Alcohol(1)	1.745	1	.187
		Cigarettes(1)	.542	1	.462
	Overall Statistics		24.517	26	.546
Step 5	Variables	Highest_Grade	.006	1	.939
		Income	7.991	4	.092
		Income(1)	7.656	1	.006
		Income(2)	.049	1	.825

Income(3)	.017	1	.897
Income(4)	.004	1	.952
WISCSPM	.267	1	.605
Interpersonal	1.639	1	.200
Intrapersonal	.043	1	.836
adaptability	.072	1	.789
general_mood	.006	1	.939
extraversion	.359	1	.549
neuroticism	1.642	1	.200
psychoticism	.071	1	.790
Enjoy_School(1)	.703	1	.402
Living_Arrang	2.507	5	.775
Living_Arrang(1)	.979	1	.322
Living_Arrang(2)	.450	1	.502
Living_Arrang(3)	.151	1	.698
Living_Arrang(4)	.021	1	.884
Living_Arrang(5)	.041	1	.840
Sig_Adult_Fig(1)	.289	1	.591
Parent_Drug(1)	.611	1	.435
Parent_Alcohol(1)	.529	1	.467
Parent_Crime(1)	.445	1	.505
Alcohol(1)	1.101	1	.294
Cigarettes(1)	1.797	1	.180
Overall Statistics	24.409	25	.496

APPENDIX P

Separate group Regressions SPSS output

YJ Group Regressions

Case Processing Summary

Unweighted Cases[a]		N	Percent
Selected Cases	Included in Analysis	32	100.0
	Missing Cases	0	.0
	Total	32	100.0
	Unselected Cases	0	.0
	Total	32	100.0

a. If weight is in effect, see classification table for the total number of cases.

Dependent Variable Encoding

Original Value	Internal Value
Not present	0
Present	1

Categorical Variables Codings

		Frequency	Parameter coding (1)
Criminal convictions	yes	27	1.000
	no	5	.000

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	31.123	-1.250
	2	30.886	-1.453
	3	30.885	-1.466
	4	30.885	-1.466

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 30.885

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: ADHD score of 70+ Not present	Predicted: ADHD score of 70+ Present	Percentage Correct
Step 0	ADHD score of 70+	Not present	26	0	100.0
		Present	6	0	.0
		Overall Percentage			81.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.466	.453	10.482	1	.001	.231

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	7.483	1	.006
		general_mood	3.060	1	.080
		stress_management	1.123	1	.289
		Crime_Convictions(1)	.006	1	.938
		Overall Statistics	8.131	4	.087

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	neuroticism
Step 1	1	25.100	-2.594	.214
	2	22.259	-4.246	.386
	3	21.624	-5.452	.510
	4	21.571	-5.925	.557
	5	21.570	-5.977	.562
	6	21.570	-5.978	.562

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 30.885

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	9.315	1	.002
	Block	9.315	1	.002
	Model	9.315	1	.002

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	21.570[a]	.253	.408

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	5.064	6	.536

Contingency Table for Hosmer and Lemeshow Test

		ADHD score of 70+ = Not present		ADHD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.984	0	.016	4
	2	3	2.977	0	.023	3
	3	4	3.916	0	.084	4
	4	3	2.879	0	.121	3
	5	5	5.310	1	.690	6
	6	2	3.057	2	.943	4
	7	4	2.350	0	1.650	4
	8	1	1.528	3	2.472	4

Classification Table[a]

			Predicted		
			ADHD score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	ADHD score of 70+	Not present	25	1	96.2
		Present	3	3	50.0
		Overall Percentage			87.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	neuroticism	.562	.252	4.980	1	.026	1.755	1.071	2.876
	Constant	-5.978	2.371	6.359	1	.012	.003		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-15.442	9.315	1	.002

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	.170	1	.680
		stress_management	.008	1	.927
		Crime_Convictions(1)	.003	1	.960
		Overall Statistics	.178	3	.981

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	38.050	.875
	2	38.024	.937
	3	38.024	.938

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 38.024

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: CD score of 70+ Not present	Predicted: CD score of 70+ Present	Percentage Correct
Step 0	CD score of 70+	Not present	0	9	.0
		Present	0	23	100.0
		Overall Percentage			71.9

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.938	.393	5.695	1	.017	2.556

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	.149	1	.699
		general_mood	.417	1	.519
		stress_management	1.136	1	.286
		Crime_Convictions(1)	7.889	1	.005
		Overall Statistics	8.509	4	.075

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients Crime_Convictions (1)
Step 1	1	31.119	-1.200	2.459
	2	30.880	-1.377	2.845
	3	30.879	-1.386	2.868

4	30.879	-1.386	2.868

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 38.024

d. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.145	1	.008
	Block	7.145	1	.008
	Model	7.145	1	.008

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	30.879[a]	.200	.288

a. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.

Contingency Table for Hosmer and Lemeshow Test

		CD score of 70+ = Not present		CD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	4.000	1	1.000	5
	2	5	5.000	22	22.000	27

Classification Table[a]

			Predicted		
			CD score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	CD score of 70+	Not present	4	5	44.4
		Present	1	22	95.7
		Overall Percentage			81.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	Crime_Convictions(1)	2.868	1.223	5.500	1	.019	17.600	1.602	193.391
	Constant	-1.386	1.118	1.537	1	.215	.250		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-19.012	7.145	1	.008

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.058	1	.809
		general_mood	.000	1	.985
		stress_management	.552	1	.458
		Overall Statistics	.821	3	.845

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	44.236	-.125
	2	44.236	-.125

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 44.236

c. Estimation terminated at iteration number 2 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Adjustment Disorder score of 70+ Not present	Predicted: Adjustment Disorder score of 70+ Present	Percentage Correct
Step 0	Adjustment Disorder score of 70+	Not present	17	0	100.0
		Present	15	0	.0
		Overall Percentage			53.1

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-.125	.354	.125	1	.724	.882

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	9.549	1	.002
		general_mood	4.073	1	.044
		stress_management	2.535	1	.111
		Crime_Convictions(1)	.112	1	.737
		Overall Statistics	10.691	4	.030

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients neuroticism
Step 1	1	33.939	-2.066	.309
	2	33.544	-2.609	.385
	3	33.538	-2.683	.395
	4	33.538	-2.685	.395
	5	33.538	-2.685	.395

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 44.236

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	10.698	1	.001
	Block	10.698	1	.001
	Model	10.698	1	.001

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	33.538[a]	.284	.379

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3.496	6	.745

Contingency Table for Hosmer and Lemeshow Test

		Adjustment Disorder score of 70+ = Not present		Adjustment Disorder score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	3	3.660	1	.340	4
	2	3	2.608	0	.392	3
	3	3	3.070	1	.930	4
	4	2	2.010	1	.990	3
	5	4	2.876	2	3.124	6
	6	1	1.354	3	2.646	4
	7	1	.878	3	3.122	4
	8	0	.545	4	3.455	4

Classification Table[a]

			Predicted		
			Adjustment Disorder score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Adjustment Disorder score of 70+	Not present	11	6	64.7
		Present	3	12	80.0
		Overall Percentage			71.9

Classification Table[a]

Observed			Predicted		
			Adjustment Disorder score of 70+		
			Not present	Present	Percentage Correct
Step 1	Adjustment Disorder score of 70+	Not present	11	6	64.7
		Present	3	12	80.0
		Overall Percentage			71.9

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	neuroticism	.395	.145	7.438	1	.006	1.485	1.118	1.973
	Constant	-2.685	1.057	6.456	1	.011	.068		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-22.118	10.698	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	1.280	1	.258
		stress_management	.505	1	.477
		Crime_Convictions(1)	.243	1	.622
		Overall Statistics	1.455	3	.693

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	44.361	.000

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 44.361

c. Estimation terminated at iteration number 1 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Substance abuse score of 70+ Not present	Predicted: Substance abuse score of 70+ Present	Percentage Correct
Step 0	Substance abuse score of 70+	Not present	0	16	.0
		Present	0	16	100.0
		Overall Percentage			50.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.000	.354	.000	1	1.000	1.000

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	.304	1	.582
		general_mood	.406	1	.524
		stress_management	2.415	1	.120
		Crime_Convictions(1)	5.926	1	.015
		Overall Statistics	7.688	4	.104

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients Crime_Convictions (1)
Step 1	1	37.768	-2.000	2.370
	2	36.924	-3.135	3.510
	3	36.651	-4.179	4.554
	4	36.554	-5.194	5.569
	5	36.519	-6.200	6.574

6	36.506	-7.202	7.576
7	36.501	-8.202	8.577
8	36.500	-9.203	9.577
9	36.499	-10.203	10.578
10	36.499	-11.203	11.578
11	36.499	-12.203	12.578
12	36.499	-13.203	13.578
13	36.499	-14.203	14.578
14	36.499	-15.203	15.578
15	36.499	-16.203	16.578
16	36.499	-17.203	17.578
17	36.499	-18.203	18.578
18	36.499	-19.203	19.578
19	36.499	-20.203	20.578
20	36.499	-21.203	21.578

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 44.361

d. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.863	1	.005
	Block	7.863	1	.005
	Model	7.863	1	.005

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	36.499[a]	.218	.290

a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.

Contingency Table for Hosmer and Lemeshow Test

		Substance abuse score of 70+ = Not present		Substance abuse score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	5	5.000	0	.000	5
	2	11	11.000	16	16.000	27

Classification Table[a]

Observed			Predicted		
			Substance abuse score of 70+		
			Not present	Present	Percentage Correct
Step 1	Substance abuse score of 70+	Not present	5	11	31.3
		Present	0	16	100.0
		Overall Percentage			65.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	Crime_Convictions(1)	21.578	17974.842	.000	1	.999	2.350E9	.000	.
	Constant	-21.203	17974.842	.000	1	.999	.000		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-22.181	7.863	1	.005

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.583	1	.445
		general_mood	.005	1	.942
		stress_management	2.030	1	.154
		Overall Statistics	2.239	3	.524

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	41.187	-.625
	2	41.183	-.647
	3	41.183	-.647

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 41.183

c. Estimation terminated at iteration number 3 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Separation Anxiety score of 70+ Not present	Predicted: Separation Anxiety score of 70+ Present	Percentage Correct
Step 0	Separation Anxiety score of 70+	Not present	21	0	100.0
		Present	11	0	.0
		Overall Percentage			65.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-.647	.372	3.018	1	.082	.524

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	12.046	1	.001
		general_mood	3.720	1	.054
		stress_management	.252	1	.615
		Crime_Convictions(1)	1.725	1	.189
		Overall Statistics	14.736	4	.005

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients neuroticism
Step 1	1	28.557	-2.700	.330
	2	26.652	-4.056	.488
	3	26.439	-4.697	.561
	4	26.434	-4.806	.574
	5	26.434	-4.809	.574

6	26.434	-4.809	.574

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 41.183

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	14.749	1	.000
	Block	14.749	1	.000
	Model	14.749	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	26.434[a]	.369	.510

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	9.364	6	.154

Contingency Table for Hosmer and Lemeshow Test

		Separation Anxiety score of 70+ = Not present		Separation Anxiety score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.949	0	.051	4
	2	3	2.925	0	.075	3
	3	4	3.731	0	.269	4
	4	3	2.622	0	.378	3
	5	2	4.127	4	1.873	6
	6	2	1.930	2	2.070	4
	7	3	1.130	1	2.870	4
	8	0	.585	4	3.415	4

Classification Table[a]

			Predicted		
			Separation Anxiety score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Separation Anxiety score of 70+	Not present	18	3	85.7
		Present	4	7	63.6
		Overall Percentage			78.1

Classification Table[a]

Observed			Predicted		
			Separation Anxiety score of 70+		
			Not present	Present	Percentage Correct
Step 1	Separation Anxiety score of 70+	Not present	18	3	85.7
		Present	4	7	63.6
		Overall Percentage			78.1

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	neuroticism	.574	.207	7.708	1	.005	1.775	1.184	2.663
	Constant	-4.809	1.708	7.926	1	.005	.008		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-20.592	14.749	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	.400	1	.527
		stress_management	.665	1	.415
		Crime_Convictions(1)	3.097	1	.078
		Overall Statistics	4.473	3	.215

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	31.123	-1.250
	2	30.886	-1.453
	3	30.885	-1.466
	4	30.885	-1.466

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 30.885

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Internalising factor score of 70+ Not present	Predicted: Internalising factor score of 70+ Present	Percentage Correct
Step 0	Internalising factor score of 70+	Not present	26	0	100.0
		Present	6	0	.0
		Overall Percentage			81.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.466	.453	10.482	1	.001	.231

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	3.375	1	.066
		general_mood	.122	1	.726
		stress_management	2.357	1	.125
		Crime_Convictions(1)	6.619	1	.010
		Overall Statistics	11.648	4	.020

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients		
			Constant	Crime_Convictions (1)	stress_management
Step 1	1	26.405	.400	-1.956	
	2	25.587	.405	-2.400	
	3	25.567	.405	-2.482	
	4	25.567	.405	-2.485	
	5	25.567	.405	-2.485	
Step 2	1	23.294	3.186	-2.183	-.030
	2	20.936	5.685	-3.128	-.056
	3	20.620	7.181	-3.661	-.071
	4	20.609	7.547	-3.793	-.074
	5	20.609	7.564	-3.799	-.075
	6	20.609	7.564	-3.799	-.075

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 30.885

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	5.318	1	.021
	Block	5.318	1	.021
	Model	5.318	1	.021
Step 2	Step	4.958	1	.026
	Block	10.276	2	.006
	Model	10.276	2	.006

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	25.567[a]	.153	.247
2	20.609[b]	.275	.444

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.

1	.000	0	.
2	7.568	8	.477

Contingency Table for Hosmer and Lemeshow Test

		Internalising factor score of 70+ = Not present		Internalising factor score of 70+ = Present		Total
		Observed	Expected	Observed	Expected	
Step 1	1	24	24.000	3	3.000	27
	2	2	2.000	3	3.000	5
Step 2	1	3	2.966	0	.034	3
	2	3	2.941	0	.059	3
	3	3	2.893	0	.107	3
	4	4	3.792	0	.208	4
	5	3	2.747	0	.253	3
	6	3	2.597	0	.403	3
	7	1	2.408	2	.592	3
	8	2	1.521	0	.479	2
	9	3	3.733	2	1.267	5
	10	1	.402	2	2.598	3

Classification Table[a]

			Predicted		
			Internalising factor score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Internalising factor score of 70+	Not present	24	2	92.3
		Present	3	3	50.0
		Overall Percentage			84.4
Step 2	Internalising factor score of 70+	Not present	25	1	96.2
		Present	4	2	33.3
		Overall Percentage			84.4

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	-2.485	1.099	5.110	1	.024	.083	.010	.719
	Constant	.405	.913	.197	1	.657	1.500		
Step 2[b]	stress_management	-.075	.040	3.388	1	.066	.928	.857	1.005
	Crime_Convictions(1)	-3.799	1.740	4.768	1	.029	.022	.001	.678
	Constant	7.564	4.193	3.254	1	.071	1927.626		

a. Variable(s) entered on step 1: Crime_Convictions.

b. Variable(s) entered on step 2: stress_management.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-15.442	5.318	1	.021
Step 2	stress_management	-12.784	4.958	1	.026
	Crime_Convictions	-14.089	7.568	1	.006

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	3.738	1	.053
		general_mood	1.215	1	.270
		stress_management	4.237	1	.040
	Overall Statistics		6.072	3	.108
Step 2	Variables	neuroticism	1.993	1	.158
		general_mood	.066	1	.797

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	3.738	1	.053
		general_mood	1.215	1	.270
		stress_management	4.237	1	.040
	Overall Statistics		6.072	3	.108
Step 2	Variables	neuroticism	1.993	1	.158
		general_mood	.066	1	.797
	Overall Statistics		2.015	2	.365

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	44.236	.125
	2	44.236	.125

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 44.236

c. Estimation terminated at iteration number 2 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Externalising factor score of 70+ Not present	Predicted: Externalising factor score of 70+ Present	Percentage Correct
Step 0	Externalising factor score of 70+	Not present	0	15	.0
		Present	0	17	100.0
		Overall Percentage			53.1

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	.125	.354	.125	1	.724	1.133

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	7.466	1	.006
		general_mood	6.937	1	.008
		stress_management	7.382	1	.007
		Crime_Convictions(1)	2.611	1	.106
		Overall Statistics	14.420	4	.006

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients neuroticism	Coefficients stress_management
Step 1	1	36.321	-1.591	.273	
	2	36.158	-1.866	.321	
	3	36.157	-1.885	.324	

	4	36.157	-1.885	.324	
Step 2	1	31.943	2.295	.209	-.040
	2	31.405	2.944	.265	-.051
	3	31.396	3.055	.274	-.053
	4	31.396	3.058	.274	-.053
	5	31.396	3.058	.274	-.053

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 44.236

d. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	8.079	1	.004
	Block	8.079	1	.004
	Model	8.079	1	.004
Step 2	Step	4.761	1	.029
	Block	12.841	2	.002
	Model	12.841	2	.002

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	36.157[a]	.223	.298
2	31.396[b]	.331	.441

a. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	11.163	6	.083
2	11.935	8	.154

Contingency Table for Hosmer and Lemeshow Test

		Externalising factor score of 70+ = Not present		Externalising factor score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	3	3.348	1	.652	4
	2	3	2.325	0	.675	3
	3	1	2.643	3	1.357	4
	4	2	1.697	1	1.303	3
	5	5	2.431	1	3.569	6
	6	0	1.186	4	2.814	4
	7	1	.819	3	3.181	4
	8	0	.552	4	3.448	4
Step 2	1	3	2.643	0	.357	3
	2	3	2.543	0	.457	3
	3	3	2.359	0	.641	3
	4	1	2.061	2	.939	3
	5	2	1.771	1	1.229	3
	6	0	1.323	3	1.677	3
	7	0	.904	3	2.096	3
	8	2	.756	2	3.244	4
	9	0	.343	3	2.657	3
	10	1	.298	3	3.702	4

Classification Table[a]

			Predicted		
			Externalising factor score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Externalising factor score of 70+	Not present	9	6	60.0
		Present	5	12	70.6
		Overall Percentage			65.6
Step 2	Externalising factor score of 70+	Not present	12	3	80.0
		Present	3	14	82.4
		Overall Percentage			81.3

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.324	.129	6.270	1	.012	1.383	1.073	1.782
	Constant	-1.885	.895	4.434	1	.035	.152		
Step 2[b]	neuroticism	.274	.136	4.033	1	.045	1.315	1.007	1.718
	stress_management	-.053	.027	3.879	1	.049	.948	.900	1.000
	Constant	3.058	2.592	1.391	1	.238	21.279		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: stress_management.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-22.118	8.079	1	.004
Step 2	neuroticism	-18.062	4.729	1	.030
	stress_management	-18.079	4.761	1	.029

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	4.060	1	.044
		stress_management	4.576	1	.032
		Crime_Convictions(1)	3.731	1	.053
	Overall Statistics		8.019	3	.046
Step 2	Variables	general_mood	2.732	1	.098
		Crime_Convictions(1)	3.349	1	.067

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	4.060	1	.044
		stress_management	4.576	1	.032
		Crime_Convictions(1)	3.731	1	.053
	Overall Statistics		8.019	3	.046
Step 2	Variables	general_mood	2.732	1	.098
		Crime_Convictions(1)	3.349	1	.067
	Overall Statistics		4.647	2	.098

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	24.890	-1.500
	2	24.126	-1.885
	3	24.113	-1.945
	4	24.113	-1.946
	5	24.113	-1.946

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 24.113

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			MD score of 70+		Percentage Correct
			Not present	Present	
Step 0	MD score of 70+	Not present	28	0	100.0
		Present	4	0	.0
	Overall Percentage				87.5

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.946	.535	13.253	1	.000	.143

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	5.782	1	.016
		stress_management	.944	1	.331
		general_mood	6.839	1	.009
		Crime_Convictions(1)	.305	1	.581
	Overall Statistics		10.159	4	.038

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients general_mood
Step 1	1	20.688	1.984	-.039
	2	16.838	5.063	-.082

3	15.465	8.087	-.125
4	15.145	10.186	-.155
5	15.119	10.940	-.166
6	15.119	11.016	-.167
7	15.119	11.016	-.167

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 24.113

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	8.994	1	.003
	Block	8.994	1	.003
	Model	8.994	1	.003

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	15.119[a]	.245	.463

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3.689	7	.815

Contingency Table for Hosmer and Lemeshow Test

		MD score of 70+ = Not present		MD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	3	2.999	0	.001	3
	2	3	2.998	0	.002	3
	3	3	2.992	0	.008	3
	4	4	3.975	0	.025	4
	5	4	3.914	0	.086	4
	6	4	3.808	0	.192	4
	7	3	2.664	0	.336	3
	8	1	2.239	2	.761	3
	9	3	2.412	2	2.588	5

Classification Table[a]

Observed	Predicted		
	MD score of 70+		Percentage Correct
	Not present	Present	

Step 1	MD score of 70+	Not present	26	2	92.9
		Present	2	2	50.0
	Overall Percentage				87.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	general_mood	-.167	.084	3.987	1	.046	.846	.718	.997
	Constant	11.016	6.004	3.367	1	.067	60865.879		

a. Variable(s) entered on step 1: general_mood.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	general_mood	-12.057	8.994	1	.003

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	1.955	1	.162
		stress_management	.041	1	.839
		Crime_Convictions(1)	2.638	1	.104
	Overall Statistics		3.696	3	.296

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	24.890	-1.500
	2	24.126	-1.885
	3	24.113	-1.945
	4	24.113	-1.946
	5	24.113	-1.946

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 24.113

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Panic Disorder score of 70+		Percentage Correct
			Not present	Present	
Step 0	Panic Disorder score of 70+	Not present	28	0	100.0
		Present	4	0	.0
	Overall Percentage				87.5

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.946	.535	13.253	1	.000	.143

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	1.807	1	.179
		stress_management	.498	1	.480
		general_mood	.266	1	.606
		Crime_Convictions(1)	4.097	1	.043
	Overall Statistics		6.559	4	.161

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	Crime_Convictions (1)
Step 1	1	22.575	-.400	-1.304
	2	21.074	-.405	-1.912
	3	20.989	-.405	-2.103
	4	20.989	-.405	-2.120
	5	20.989	-.405	-2.120

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 24.113

d. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	3.124	1	.077
	Block	3.124	1	.077
	Model	3.124	1	.077

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	20.989[a]	.093	.176

a. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.

Contingency Table for Hosmer and Lemeshow Test

		Panic Disorder score of 70+ = Not present		Panic Disorder score of 70+ = Present		Total
		Observed	Expected	Observed	Expected	
Step 1	1	25	25.000	2	2.000	27
	2	3	3.000	2	2.000	5

Classification Table[a]

Observed	Predicted		
	Panic Disorder score of 70+		Percentage Correct
	Not present	Present	

Step 1	Panic Disorder score of 70+	Not present	28	0	100.0
		Present	4	0	.0
	Overall Percentage				87.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	-2.120	1.172	3.273	1	.070	.120	.012	1.193
	Constant	-.405	.913	.197	1	.657	.667		

a. Variable(s) entered on step 1: Crime_Convictions.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-12.057	3.124	1	.077

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	1.847	1	.174
		stress_management	1.004	1	.316
		general_mood	.002	1	.965
	Overall Statistics		3.496	3	.321

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	33.744	-1.125
	2	33.621	-1.267
	3	33.621	-1.273
	4	33.621	-1.273

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 33.621

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: OCD score of 70+ Not present	Predicted: OCD score of 70+ Present	Percentage Correct
Step 0	OCD score of 70+	Not present	25	0	100.0
		Present	7	0	.0
	Overall Percentage				78.1

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.273	.428	8.862	1	.003	.280

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	2.891	1	.089
		stress_management	.310	1	.578
		general_mood	1.010	1	.315
		Crime_Convictions(1)	5.040	1	.025
	Overall Statistics		9.428	4	.051

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients Crime_Convictions (1)
Step 1	1	29.813	.400	-1.807
	2	29.386	.405	-2.120
	3	29.382	.405	-2.154

4	29.382	.405	-2.155

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 33.621

d. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	4.238	1	.040
	Block	4.238	1	.040
	Model	4.238	1	.040

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	29.382[a]	.124	.191

a. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	0	.

Contingency Table for Hosmer and Lemeshow Test

		OCD score of 70+ = Not present		OCD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	23	23.000	4	4.000	27
	2	2	2.000	3	3.000	5

Classification Table[a]

			Predicted		
			OCD score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	OCD score of 70+	Not present	23	2	92.0
		Present	4	3	42.9
	Overall Percentage				81.3

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	Crime_Convictions(1)	-2.155	1.062	4.120	1	.042	.116	.014	.929
	Constant	.405	.913	.197	1	.657	1.500		

a. Variable(s) entered on step 1: Crime_Convictions.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	Crime_Convictions	-16.810	4.238	1	.040

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	2.997	1	.083
		stress_management	.899	1	.343
		general_mood	.284	1	.594
	Overall Statistics		5.837	3	.120

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	31.123	-1.250
	2	30.886	-1.453
	3	30.885	-1.466
	4	30.885	-1.466

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 30.885

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			PTSD score of 70+		Percentage Correct
			Not present	Present	
Step 0	PTSD score of 70+	Not present	26	0	100.0
		Present	6	0	.0
	Overall Percentage				81.3

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.466	.453	10.482	1	.001	.231

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	6.144	1	.013
		stress_management	4.045	1	.044
		general_mood	2.299	1	.129
		Crime_Convictions(1)	1.757	1	.185
	Overall Statistics		10.404	4	.034

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients neuroticism
Step 1	1	26.183	-2.468	.194
	2	23.971	-3.899	.342
	3	23.609	-4.759	.430

	4	23.593	-4.992	.453
	5	23.593	-5.005	.455
	6	23.593	-5.005	.455

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 30.885

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.292	1	.007
	Block	7.292	1	.007
	Model	7.292	1	.007

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	23.593[a]	.204	.329

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	5.467	6	.485

Contingency Table for Hosmer and Lemeshow Test

		PTSD score of 70+ = Not present		PTSD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.962	0	.038	4
	2	3	2.951	0	.049	3
	3	4	3.855	0	.145	4
	4	3	2.817	0	.183	3
	5	4	5.165	2	.835	6
	6	3	3.021	1	.979	4
	7	4	2.450	0	1.550	4
	8	1	1.779	3	2.221	4

Classification Table[a]

			Predicted		
			PTSD score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	PTSD score of 70+	Not present	26	0	100.0
		Present	4	2	33.3

Overall Percentage				87.5

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.455	.214	4.503	1	.034	1.576	1.035	2.398
	Constant	-5.005	1.972	6.442	1	.011	.007		

a. Variable(s) entered on step 1: neuroticism.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-15.442	7.292	1	.007

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	stress_management	1.662	1	.197
		general_mood	.126	1	.722
		Crime_Convictions(1)	2.201	1	.138
	Overall Statistics		4.343	3	.227

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	17.254	-1.750
	2	15.122	-2.428
	3	14.964	-2.677
	4	14.963	-2.708
	5	14.963	-2.708

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 14.963

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Dysthymia score of 70+		Percentage Correct
			Not present	Present	
Step 0	Dysthymia score of 70+	Not present	30	0	100.0
		Present	2	0	.0
	Overall Percentage				93.8

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.708	.730	13.750	1	.000	.067

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	5.603	1	.018
		stress_management	2.048	1	.152
		general_mood	2.864	1	.091
		Crime_Convictions(1)	1.912	1	.167
	Overall Statistics		9.279	4	.055

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients neuroticism
Step 1	1	15.287	-2.471	.115
	2	10.485	-4.516	.298

	3	7.601	-7.519	.593
	4	5.243	-12.572	1.068
	5	3.214	-21.305	1.856
	6	1.718	-34.730	3.039
	7	.760	-53.704	4.691
	8	.281	-77.048	6.720
	9	.102	-100.652	8.772
	10	.037	-123.922	10.795
	11	.014	-147.026	12.804
	12	.005	-170.065	14.808
	13	.002	-193.079	16.809
	14	.001	-216.085	18.809
	15	.000	-239.087	20.810
	16	.000	-262.087	22.810
	17	.000	-285.088	24.810
	18	.000	-308.088	26.810
	19	.000	-331.088	28.810
	20	.000	-354.088	30.810

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 14.963

d. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	14.963	1	.000
	Block	14.963	1	.000
	Model	14.963	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	.000[a]	.373	1.000

a. Estimation terminated at iteration number 20 because maximum iterations has been reached. Final solution cannot be found.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	.000	6	1.000

Contingency Table for Hosmer and Lemeshow Test

		Dysthymia score of 70+ = Not present		Dysthymia score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	4.000	0	.000	4
	2	3	3.000	0	.000	3
	3	4	4.000	0	.000	4
	4	3	3.000	0	.000	3
	5	6	6.000	0	.000	6
	6	4	4.000	0	.000	4
	7	4	4.000	0	.000	4
	8	2	2.000	2	2.000	4

Classification Table[a]

			Predicted		
			Dysthymia score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Dysthymia score of 70+	Not present	30	0	100.0
		Present	0	2	100.0
	Overall Percentage				100.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	30.810	2241.232	.000	1	.989	2.401E13	.000	.
	Constant	-354.088	25551.407	.000	1	.989	.000		

a. Variable(s) entered on step 1: neuroticism.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-7.481	14.963	1	.000

Variables not in the Equation[a]

			Score	df	Sig.
Step 1	Variables	stress_management	.000	1	.999
		general_mood	.000	1	.994
		Crime_Convictions(1)	.000	1	.999

a. Residual Chi-Squares are not computed because of redundancies.

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	33.744	-1.125
	2	33.621	-1.267
	3	33.621	-1.273
	4	33.621	-1.273

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 33.621

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Schizophrenia score of 70+		Percentage Correct
			Not present	Present	
Step 0	Schizophrenia score of 70+	Not present	25	0	100.0
		Present	7	0	.0
	Overall Percentage				78.1

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.273	.428	8.862	1	.003	.280

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	7.128	1	.008
		stress_management	2.474	1	.116
		general_mood	3.251	1	.071
		Crime_Convictions(1)	5.040	1	.025
	Overall Statistics		14.542	4	.006

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients		
			Constant	neuroticism	Crime_Convictions (1)
Step 1	1	27.514	-2.514	.221	
	2	25.458	-3.899	.367	
	3	25.168	-4.655	.446	
	4	25.158	-4.825	.463	
	5	25.158	-4.832	.464	
	6	25.158	-4.832	.464	
Step 2	1	23.899	-1.030	.210	-1.678
	2	20.068	-2.252	.411	-2.448
	3	18.603	-3.442	.618	-3.319
	4	18.241	-4.340	.777	-4.029
	5	18.214	-4.667	.833	-4.287
	6	18.214	-4.696	.838	-4.309
	7	18.214	-4.696	.838	-4.309

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 33.621

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	8.462	1	.004
	Block	8.462	1	.004
	Model	8.462	1	.004
Step 2	Step	6.945	1	.008
	Block	15.407	2	.000
	Model	15.407	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	25.158[a]	.232	.357
2	18.214[b]	.382	.588

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	7.757	6	.256
2	6.554	8	.585

Contingency Table for Hosmer and Lemeshow Test

		Schizophrenia score of 70+ = Not present		Schizophrenia score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.955	0	.045	4
	2	3	2.941	0	.059	3
	3	4	3.823	0	.177	4
	4	3	2.775	0	.225	3
	5	3	4.978	3	1.022	6
	6	4	2.825	0	1.175	4
	7	3	2.191	1	1.809	4
	8	1	1.512	3	2.488	4
Step 2	1	4	3.999	0	.001	4
	2	3	2.998	0	.002	3
	3	3	2.990	0	.010	3
	4	2	1.984	0	.016	2
	5	3	3.834	1	.166	4
	6	3	2.716	0	.284	3
	7	2	1.623	0	.377	2
	8	3	2.604	1	1.396	4
	9	2	1.516	1	1.484	3
	10	0	.736	4	3.264	4

Classification Table[a]

			Predicted		
			Schizophrenia score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Schizophrenia score of 70+	Not present	24	1	96.0
		Present	4	3	42.9
	Overall Percentage				84.4
Step 2	Schizophrenia score of 70+	Not present	24	1	96.0
		Present	2	5	71.4
	Overall Percentage				90.6

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.464	.204	5.168	1	.023	1.590	1.066	2.373
	Constant	-4.832	1.842	6.883	1	.009	.008		
Step 2[b]	neuroticism	.838	.404	4.312	1	.038	2.312	1.048	5.101
	Crime_Convictions(1)	-4.309	2.118	4.139	1	.042	.013	.000	.854
	Constant	-4.696	2.642	3.160	1	.075	.009		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: Crime_Convictions.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-16.810	8.462	1	.004
Step 2	neuroticism	-14.691	11.168	1	.001
	Crime_Convictions	-12.579	6.945	1	.008

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	stress_management	.531	1	.466
		general_mood	.425	1	.515
		Crime_Convictions(1)	6.898	1	.009
	Overall Statistics		8.583	3	.035
Step 2	Variables	stress_management	1.932	1	.165
		general_mood	1.776	1	.183

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	stress_management	.531	1	.466
		general_mood	.425	1	.515
		Crime_Convictions(1)	6.898	1	.009
	Overall Statistics		8.583	3	.035
Step 2	Variables	stress_management	1.932	1	.165
		general_mood	1.776	1	.183
	Overall Statistics		3.035	2	.219

HS Group Regressions

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	52.103	-1.663
	2	48.189	-2.223
	3	48.014	-2.375
	4	48.013	-2.385
	5	48.013	-2.385

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 48.013

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: ADHD score of 70+ Not present	Predicted: ADHD score of 70+ Present	Percentage Correct
Step 0	ADHD score of 70+	Not present	76	0	100.0
		Present	7	0	.0
		Overall Percentage			91.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.385	.395	36.454	1	.000	.092

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	1.234	1	.267
		general_mood	7.402	1	.007
		stress_management	7.932	1	.005
		Overall Statistics	11.827	3	.008

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients		
			Constant	stress_management	general_mood
Step 1	1	48.557	.464	-.022	
	2	41.557	2.235	-.047	
	3	40.338	3.617	-.065	
	4	40.265	4.026	-.070	
	5	40.265	4.057	-.071	
	6	40.265	4.057	-.071	
Step 2	1	47.379	.944	-.015	-.012
	2	38.743	3.606	-.034	-.030
	3	36.315	6.246	-.050	-.048
	4	35.941	7.611	-.057	-.059
	5	35.927	7.915	-.059	-.062
	6	35.927	7.929	-.059	-.062
	7	35.927	7.929	-.059	-.062

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 48.013

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.748	1	.005
	Block	7.748	1	.005
	Model	7.748	1	.005
Step 2	Step	4.338	1	.037
	Block	12.086	2	.002
	Model	12.086	2	.002

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	40.265[a]	.089	.203
2	35.927[b]	.136	.309

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	11.698	8	.165
2	4.796	8	.779

Contingency Table for Hosmer and Lemeshow Test

		ADHD score of 70+ = Not present		ADHD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.926	0	.074	8
	2	6	5.902	0	.098	6
	3	9	8.803	0	.197	9
	4	9	8.734	0	.266	9
	5	8	7.683	0	.317	8
	6	8	7.567	0	.433	8
	7	6	8.365	3	.635	9
	8	7	6.338	0	.662	7
	9	7	7.014	1	.986	8
	10	8	7.669	3	3.331	11
Step 2	1	8	7.987	0	.013	8
	2	8	7.968	0	.032	8
	3	8	7.918	0	.082	8
	4	8	7.873	0	.127	8
	5	8	7.787	0	.213	8
	6	8	7.734	0	.266	8
	7	7	7.596	1	.404	8
	8	9	8.161	0	.839	9
	9	5	6.556	3	1.444	8
	10	7	6.422	3	3.578	10

Classification Table[a]

			Predicted		
			ADHD score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	ADHD score of 70+	Not present	76	0	100.0
		Present	7	0	.0
		Overall Percentage			91.6
Step 2	ADHD score of 70+	Not present	75	1	98.7
		Present	6	1	14.3
		Overall Percentage			91.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.071	.028	6.633	1	.010	.932	.883	.983
	Constant	4.057	2.361	2.952	1	.086	57.789		
Step 2[b]	general_mood	-.062	.034	3.276	1	.070	.940	.878	1.005
	stress_management	-.059	.031	3.520	1	.061	.943	.887	1.003
	Constant	7.929	3.443	5.302	1	.021	2775.418		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: general_mood.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-24.007	7.748	1	.005
Step 2	general_mood	-20.132	4.338	1	.037
	stress_management	-19.845	3.762	1	.052

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.158	1	.691
		general_mood	3.910	1	.048
	Overall Statistics		4.697	2	.096
Step 2	Variables	neuroticism	.809	1	.369
	Overall Statistics		.809	1	.369

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients: Constant
Step 0	1	55.958	-1.614
	2	52.742	-2.117
	3	52.633	-2.232
	4	52.633	-2.238
	5	52.633	-2.238

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 52.633

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: CD score of 70+ Not present	Predicted: CD score of 70+ Present	Percentage Correct
Step 0	CD score of 70+	Not present	75	0	100.0
		Present	8	0	.0
		Overall Percentage			90.4

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.238	.372	36.209	1	.000	.107

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	.762	1	.383
		general_mood	3.614	1	.057
		stress_management	18.667	1	.000
		Overall Statistics	22.259	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients: Constant	Coefficients: stress_management
Step 1	1	46.737	1.850	-.035
	2	36.399	4.728	-.073

	3	33.534	7.076	-.104
	4	33.125	8.240	-.119
	5	33.112	8.477	-.123
	6	33.112	8.485	-.123
	7	33.112	8.485	-.123

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 52.633

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	19.521	1	.000
	Block	19.521	1	.000
	Model	19.521	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	33.112[a]	.210	.446

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3.025	8	.933

Contingency Table for Hosmer and Lemeshow Test

		CD score of 70+ = Not present		CD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.989	0	.011	8
	2	6	5.979	0	.021	6
	3	9	8.946	0	.054	9
	4	9	8.909	0	.091	9
	5	8	7.863	0	.137	8
	6	8	7.763	0	.237	8
	7	8	8.573	1	.427	9
	8	6	6.443	1	.557	7
	9	8	6.985	0	1.015	8
	10	5	5.551	6	5.449	11

Classification Table[a]

Observed	Predicted

			CD score of 70+		
			Not present	Present	Percentage Correct
Step 1	CD score of 70+	Not present	72	3	96.0
		Present	4	4	50.0
		Overall Percentage			91.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	stress_management	-.123	.035	12.076	1	.001	.885	.825	.948
	Constant	8.485	2.857	8.823	1	.003	4843.580		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-26.317	19.521	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	3.251	1	.071
		general_mood	.498	1	.480
		Overall Statistics	4.398	2	.111

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	63.253	-1.518
	2	61.110	-1.920
	3	61.069	-1.986
	4	61.069	-1.988
	5	61.069	-1.988

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 61.069

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Adjustment Disorder score of 70+ Not present	Predicted: Adjustment Disorder score of 70+ Present	Percentage Correct
Step 0	Adjustment Disorder score of 70+	Not present	73	0	100.0
		Present	10	0	.0
		Overall Percentage			88.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.988	.337	34.755	1	.000	.137

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	8.393	1	.004
		general_mood	5.302	1	.021
		stress_management	18.728	1	.000
		Overall Statistics	19.109	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients stress_management
Step 1	1	52.291	2.310	-.039
	2	43.559	5.082	-.074

	3	41.739	6.948	-.099
	4	41.599	7.594	-.107
	5	41.598	7.658	-.108
	6	41.598	7.659	-.108

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 61.069

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	19.471	1	.000
	Block	19.471	1	.000
	Model	19.471	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	41.598[a]	.209	.401

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	4.888	8	.769

Contingency Table for Hosmer and Lemeshow Test

		Adjustment Disorder score of 70+ = Not present		Adjustment Disorder score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.971	0	.029	8
	2	6	5.950	0	.050	6
	3	9	8.881	0	.119	9
	4	9	8.812	0	.188	9
	5	8	7.737	0	.263	8
	6	8	7.577	0	.423	8
	7	7	8.289	2	.711	9
	8	7	6.143	0	.857	7
	9	6	6.558	2	1.442	8
	10	5	5.082	6	5.918	11

Classification Table[a]

Observed	Predicted

			Adjustment Disorder score of 70+		
			Not present	Present	Percentage Correct
Step 1	Adjustment Disorder score of 70+	Not present	70	3	95.9
		Present	6	4	40.0
		Overall Percentage			89.2

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	stress_management	-.108	.030	12.997	1	.000	.898	.846	.952
	Constant	7.659	2.522	9.223	1	.002	2119.190		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-30.534	19.471	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	1.115	1	.291
		general_mood	1.174	1	.279
		Overall Statistics	1.886	2	.389

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	43.966	-1.759
	2	38.238	-2.451
	3	37.792	-2.713
	4	37.787	-2.747
	5	37.787	-2.747

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 37.787

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Substance abuse score of 70+ Not present	Predicted: Substance abuse score of 70+ Present	Percentage Correct
Step 0	Substance abuse score of 70+	Not present	78	0	100.0
		Present	5	0	.0
		Overall Percentage			94.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.747	.461	35.464	1	.000	.064

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	1.189	1	.275
		general_mood	5.322	1	.021
		stress_management	11.936	1	.001
		Overall Statistics	14.358	3	.002

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	stress_management
Step 1	1	39.965	.474	-.023
	2	29.659	2.673	-.054
	3	26.444	5.081	-.086
	4	25.772	6.562	-.106
	5	25.723	7.049	-.113
	6	25.723	7.095	-.114
	7	25.723	7.095	-.114

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 37.787

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	12.064	1	.001
	Block	12.064	1	.001
	Model	12.064	1	.001

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	25.723[a]	.135	.370

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	1.373	8	.995

Contingency Table for Hosmer and Lemeshow Test

		Substance abuse score of 70+ = Not present		Substance abuse score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.992	0	.008	8
	2	6	5.985	0	.015	6
	3	9	8.965	0	.035	9
	4	9	8.942	0	.058	9
	5	8	7.917	0	.083	8
	6	8	7.860	0	.140	8
	7	9	8.755	0	.245	9
	8	7	6.687	0	.313	7

	9	7	7.436	1	.564	8
	10	7	7.461	4	3.539	11

Classification Table[a]

Observed			Predicted		
			Substance abuse score of 70+		
			Not present	Present	Percentage Correct
Step 1	Substance abuse score of 70+	Not present	78	0	100.0
		Present	5	0	.0
		Overall Percentage			94.0

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	stress_management	-.114	.041	7.910	1	.005	.892	.824	.966
	Constant	7.095	3.167	5.018	1	.025	1206.518		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-18.893	12.064	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.746	1	.388
		general_mood	2.327	1	.127
		Overall Statistics	3.666	2	.160

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	43.966	-1.759
	2	38.238	-2.451
	3	37.792	-2.713
	4	37.787	-2.747
	5	37.787	-2.747

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 37.787

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Separation Anxiety score of 70+ Not present	Predicted: Separation Anxiety score of 70+ Present	Percentage Correct
Step 0	Separation Anxiety score of 70+	Not present	78	0	100.0
		Present	5	0	.0
		Overall Percentage			94.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.747	.461	35.464	1	.000	.064

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	6.855	1	.009
		general_mood	.471	1	.493
		stress_management	2.447	1	.118
		Overall Statistics	7.597	3	.055

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	neuroticism
Step 1	1	41.647	-2.188	.075
	2	33.011	-3.612	.187
	3	30.539	-4.974	.321
	4	29.975	-5.985	.420
	5	29.926	-6.389	.459
	6	29.925	-6.436	.463
	7	29.925	-6.436	.463

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 37.787

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	7.861	1	.005
	Block	7.861	1	.005
	Model	7.861	1	.005

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	29.925[a]	.090	.247

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	1.036	8	.998

Contingency Table for Hosmer and Lemeshow Test

		Separation Anxiety score of 70+ = Not present		Separation Anxiety score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.994	0	.006	4
	2	10	9.975	0	.025	10
	3	8	7.968	0	.032	8
	4	5	4.968	0	.032	5
	5	9	8.909	0	.091	9
	6	6	5.904	0	.096	6

7	6	5.849	0	.151	6
8	10	10.436	1	.564	11
9	6	6.343	1	.657	7
10	14	13.656	3	3.344	17

Classification Table[a]

Observed			Predicted		
			Separation Anxiety score of 70+		
			Not present	Present	Percentage Correct
Step 1	Separation Anxiety score of 70+	Not present	78	0	100.0
		Present	5	0	.0
		Overall Percentage			94.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	neuroticism	.463	.216	4.584	1	.032	1.589	1.040	2.429
	Constant	-6.436	2.130	9.127	1	.003	.002		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-18.893	7.861	1	.005

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	.678	1	.410
		stress_management	.029	1	.866
		Overall Statistics	.702	2	.704

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	63.253	-1.518
	2	61.110	-1.920
	3	61.069	-1.986
	4	61.069	-1.988
	5	61.069	-1.988

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 61.069

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Internalising factor score of 70+ Not present	Predicted: Internalising factor score of 70+ Present	Percentage Correct
Step 0	Internalising factor score of 70+	Not present	73	0	100.0
		Present	10	0	.0
		Overall Percentage			88.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.988	.337	34.755	1	.000	.137

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	19.236	1	.000
		general_mood	8.828	1	.003
		stress_management	17.999	1	.000
		Overall Statistics	24.075	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients		
			Constant	neuroticism	stress_management
Step 1	1	51.846	-2.502	.173	
	2	41.474	-4.288	.354	
	3	37.558	-6.116	.540	
	4	36.410	-7.696	.696	
	5	36.267	-8.487	.772	
	6	36.264	-8.617	.785	
	7	36.264	-8.620	.785	
	8	36.264	-8.620	.785	
Step 2	1	49.062	.139	.116	-.024
	2	36.678	.746	.248	-.046
	3	31.500	.664	.413	-.064
	4	29.622	.005	.586	-.077
	5	29.257	-.590	.704	-.084
	6	29.240	-.772	.736	-.086
	7	29.240	-.783	.738	-.086
	8	29.240	-.783	.738	-.086

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 61.069

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	24.805	1	.000
	Block	24.805	1	.000
	Model	24.805	1	.000
Step 2	Step	7.024	1	.008
	Block	31.829	2	.000
	Model	31.829	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	36.264[a]	.258	.496
2	29.240[a]	.319	.612

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.

1	4.036	8	.854
2	4.180	8	.841

Contingency Table for Hosmer and Lemeshow Test

		Internalising factor score of 70+ = Not present		Internalising factor score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.999	0	.001	4
	2	10	9.996	0	.004	10
	3	8	7.993	0	.007	8
	4	5	4.991	0	.009	5
	5	9	8.963	0	.037	9
	6	6	5.946	0	.054	6
	7	6	5.882	0	.118	6
	8	9	10.262	2	.738	11
	9	7	5.779	0	1.221	7
	10	9	9.189	8	7.811	17
Step 2	1	8	8.000	0	.000	8
	2	8	7.999	0	.001	8
	3	8	7.997	0	.003	8
	4	8	7.994	0	.006	8
	5	8	7.980	0	.020	8
	6	8	7.919	0	.081	8
	7	7	7.795	1	.205	8
	8	8	7.231	0	.769	8
	9	6	6.258	2	1.742	8
	10	4	3.826	7	7.174	11

Classification Table[a]

			Predicted		
			Internalising factor score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Internalising factor score of 70+	Not present	70	3	95.9
		Present	4	6	60.0
		Overall Percentage			91.6
Step 2	Internalising factor score of 70+	Not present	70	3	95.9
		Present	4	6	60.0
		Overall Percentage			91.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.785	.257	9.342	1	.002	2.192	1.325	3.627
	Constant	-8.620	2.570	11.253	1	.001	.000		
Step 2[b]	neuroticism	.738	.290	6.448	1	.011	2.091	1.183	3.695
	stress_management	-.086	.037	5.528	1	.019	.918	.854	.986
	Constant	-.783	3.916	.040	1	.842	.457		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: stress_management.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-30.534	24.805	1	.000
Step 2	neuroticism	-21.224	13.208	1	.000
	stress_management	-18.132	7.024	1	.008

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	general_mood	1.193	1	.275
		stress_management	6.813	1	.009
	Overall Statistics		8.218	2	.016
Step 2	Variables	general_mood	1.480	1	.224
	Overall Statistics		1.480	1	.224

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	52.103	-1.663
	2	48.189	-2.223
	3	48.014	-2.375
	4	48.013	-2.385
	5	48.013	-2.385

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 48.013

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Externalising factor score of 70+ Not present	Predicted: Externalising factor score of 70+ Present	Percentage Correct
Step 0	Externalising factor score of 70+	Not present	76	0	100.0
		Present	7	0	.0
		Overall Percentage			91.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.385	.395	36.454	1	.000	.092

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	2.393	1	.122
		general_mood	6.234	1	.013
		stress_management	15.305	1	.000
		Overall Statistics	17.029	3	.001

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	stress_management
Step 1	1	45.297	1.291	-.030
	2	35.446	3.884	-.065
	3	32.753	6.104	-.094
	4	32.367	7.196	-.109
	5	32.355	7.420	-.112
	6	32.355	7.429	-.112
	7	32.355	7.429	-.112

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 48.013

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	15.659	1	.000
	Block	15.659	1	.000
	Model	15.659	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	32.355[a]	.172	.391

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	2.121	8	.977

Contingency Table for Hosmer and Lemeshow Test

		Externalising factor score of 70+ = Not present		Externalising factor score of 70+ = Present		Total
		Observed	Expected	Observed	Expected	
Step 1	1	8	7.986	0	.014	8
	2	6	5.975	0	.025	6
	3	9	8.939	0	.061	9
	4	9	8.902	0	.098	9
	5	8	7.860	0	.140	8
	6	8	7.768	0	.232	8

	7	8	8.598	1	.402	9
	8	7	6.497	0	.503	7
	9	7	7.115	1	.885	8
	10	6	6.360	5	4.640	11

Classification Table[a]

			Predicted		
			Externalising factor score of 70+		
	Observed		Not present	Present	Percentage Correct
Step 1	Externalising factor score of 70+	Not present	73	3	96.1
		Present	4	3	42.9
		Overall Percentage			91.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	stress_management	-.112	.035	10.426	1	.001	.894	.835	.957
	Constant	7.429	2.800	7.039	1	.008	1683.954		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-24.007	15.659	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.279	1	.597
		general_mood	2.480	1	.115
		Overall Statistics	3.199	2	.202

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	91.855	-1.036
	2	91.663	-1.144
	3	91.663	-1.147
	4	91.663	-1.147

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 91.663

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: One or more clinically significant APS scores: Not Nuts	Predicted: One or more clinically significant APS scores: Nuts	Predicted: Percentage Correct
Step 0	One or more clinically significant APS scores	Not Nuts	63	0	100.0
		Nuts	20	0	.0
		Overall Percentage			75.9

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.147	.257	19.986	1	.000	.317

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	14.773	1	.000
		general_mood	8.804	1	.003
		stress_management	31.552	1	.000
		Overall Statistics	32.348	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	stress_management
Step 1	1	63.463	5.491	-.066
	2	56.198	8.896	-.106
	3	55.096	10.914	-.130
	4	55.050	11.456	-.136
	5	55.050	11.486	-.137
	6	55.050	11.486	-.137

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 91.663

d. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	36.614	1	.000
	Block	36.614	1	.000
	Model	36.614	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	55.050[a]	.357	.534

a. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	4.986	8	.759

Contingency Table for Hosmer and Lemeshow Test

		One or more clinically significant APS scores = Not Nuts		One or more clinically significant APS scores = Nuts		Total
		Observed	Expected	Observed	Expected	
Step 1	1	8	7.959	0	.041	8
	2	6	5.913	0	.087	6
	3	9	8.769	0	.231	9
	4	9	8.592	0	.408	9
	5	8	7.371	0	.629	8
	6	7	6.899	1	1.101	8
	7	5	7.061	4	1.939	9
	8	4	4.644	3	2.356	7

	9	5	4.229	3	3.771	8
	10	2	1.562	9	9.438	11

Classification Table[a]

			Predicted		
			One or more clinically significant APS scores		
	Observed		Not Nuts	Nuts	Percentage Correct
Step 1	One or more clinically significant APS scores	Not Nuts	59	4	93.7
		Nuts	10	10	50.0
		Overall Percentage			83.1

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95.0% C.I.for EXP(B)	
								Lower	Upper
Step 1	stress_management	-.137	.033	17.444	1	.000	.872	.818	.930
	Constant	11.486	2.966	15.002	1	.000	97389.723		

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-45.832	36.614	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	2.143	1	.143
		general_mood	1.267	1	.260
		Overall Statistics	2.727	2	.256

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	55.958	-1.614
	2	52.742	-2.117
	3	52.633	-2.232
	4	52.633	-2.238
	5	52.633	-2.238

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 52.633

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			MD score of 70+		Percentage Correct
			Not present	Present	
Step 0	MD score of 70+	Not present	75	0	100.0
		Present	8	0	.0
	Overall Percentage				90.4

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.238	.372	36.209	1	.000	.107

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	9.804	1	.002
		stress_management	17.668	1	.000
		general_mood	13.480	1	.000
	Overall Statistics		21.493	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration	-2 Log likelihood	Coefficients

			Constant	stress_management	general_mood
Step 1	1	47.226	1.756	-.034	
	2	37.286	4.543	-.071	
	3	34.659	6.771	-.100	
	4	34.318	7.811	-.114	
	5	34.309	7.999	-.117	
	6	34.309	8.005	-.117	
	7	34.309	8.005	-.117	
Step 2	1	45.221	2.375	-.026	-.016
	2	31.996	6.513	-.056	-.039
	3	26.043	11.103	-.086	-.069
	4	23.735	15.417	-.112	-.101
	5	23.135	18.687	-.130	-.127
	6	23.073	20.107	-.138	-.139
	7	23.072	20.301	-.139	-.141
	8	23.072	20.305	-.139	-.141
	9	23.072	20.305	-.139	-.141

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 52.633

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	18.324	1	.000
	Block	18.324	1	.000
	Model	18.324	1	.000
Step 2	Step	11.237	1	.001
	Block	29.562	2	.000
	Model	29.562	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	34.309[a]	.198	.422
2	23.072[b]	.300	.638

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	2.496	8	.962
2	2.856	8	.943

Contingency Table for Hosmer and Lemeshow Test

		MD score of 70+ = Not present		MD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.986	0	.014	8
	2	6	5.974	0	.026	6
	3	9	8.935	0	.065	9
	4	9	8.893	0	.107	9
	5	8	7.845	0	.155	8
	6	8	7.738	0	.262	8
	7	9	8.539	0	.461	9
	8	6	6.414	1	.586	7
	9	6	6.960	2	1.040	8
	10	6	5.717	5	5.283	11
Step 2	1	8	8.000	0	.000	8
	2	8	8.000	0	.000	8
	3	8	7.998	0	.002	8
	4	8	7.996	0	.004	8
	5	8	7.985	0	.015	8
	6	8	7.976	0	.024	8
	7	8	7.931	0	.069	8
	8	9	8.644	0	.356	9
	9	5	6.519	3	1.481	8
	10	5	3.951	5	6.049	10

Classification Table[a]

			Predicted		
			MD score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	MD score of 70+	Not present	72	3	96.0
		Present	5	3	37.5
	Overall Percentage				90.4
Step 2	MD score of 70+	Not present	73	2	97.3
		Present	4	4	50.0
	Overall Percentage				92.8

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.117	.034	11.784	1	.001	.890	.832	.951
	Constant	8.005	2.767	8.370	1	.004	2995.368		
Step 2[b]	stress_management	-.139	.053	6.976	1	.008	.870	.785	.965
	general_mood	-.141	.064	4.797	1	.029	.869	.766	.985
	Constant	20.305	7.299	7.738	1	.005	6.579E8		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: general_mood.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-26.317	18.324	1	.000
Step 2	stress_management	-17.790	12.508	1	.000
	general_mood	-17.154	11.237	1	.001

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	2.362	1	.124
		general_mood	8.936	1	.003
	Overall Statistics		9.880	2	.007
Step 2	Variables	neuroticism	1.525	1	.217
	Overall Statistics		1.525	1	.217

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	52.103	-1.663
	2	48.189	-2.223
	3	48.014	-2.375
	4	48.013	-2.385
	5	48.013	-2.385

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 48.013

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: Panic Disorder score of 70+ Not present	Predicted: Panic Disorder score of 70+ Present	Percentage Correct
Step 0	Panic Disorder score of 70+	Not present	76	0	100.0
		Present	7	0	.0
	Overall Percentage				91.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.385	.395	36.454	1	.000	.092

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	12.314	1	.000
		stress_management	7.113	1	.008
		general_mood	11.506	1	.001
	Overall Statistics		15.872	3	.001

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration	-2 Log likelihood	Coefficients Constant	Coefficients neuroticism	Coefficients general_mood

Step 1	1	46.565	-2.335	.118	
	2	37.174	-3.957	.269	
	3	33.881	-5.596	.434	
	4	32.953	-6.974	.568	
	5	32.838	-7.660	.633	
	6	32.836	-7.774	.644	
	7	32.836	-7.777	.644	
	8	32.836	-7.777	.644	
Step 2	1	45.033	-.788	.081	-.015
	2	33.856	-.398	.185	-.035
	3	28.967	.270	.305	-.060
	4	26.979	1.104	.415	-.088
	5	26.461	2.033	.487	-.112
	6	26.412	2.558	.509	-.123
	7	26.411	2.637	.511	-.124
	8	26.411	2.638	.511	-.124
	9	26.411	2.638	.511	-.124

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 48.013

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	15.178	1	.000
	Block	15.178	1	.000
	Model	15.178	1	.000
Step 2	Step	6.424	1	.011
	Block	21.602	2	.000
	Model	21.602	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	32.836[a]	.167	.380
2	26.411[b]	.229	.522

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 9 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	4.823	8	.776
2	.822	8	.999

Contingency Table for Hosmer and Lemeshow Test

		Panic Disorder score of 70+ = Not present		Panic Disorder score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	3.998	0	.002	4
	2	10	9.992	0	.008	10
	3	8	7.988	0	.012	8
	4	5	4.986	0	.014	5
	5	9	8.951	0	.049	9
	6	6	5.938	0	.062	6
	7	6	5.882	0	.118	6
	8	9	10.410	2	.590	11
	9	7	6.149	0	.851	7
	10	12	11.706	5	5.294	17
Step 2	1	9	9.000	0	.000	9
	2	8	8.000	0	.000	8
	3	8	7.998	0	.002	8
	4	8	7.993	0	.007	8
	5	8	7.986	0	.014	8
	6	8	7.966	0	.034	8
	7	8	7.821	0	.179	8
	8	8	8.415	1	.585	9
	9	6	6.393	2	1.607	8
	10	5	4.427	4	4.573	9

Classification Table[a]

			Predicted		
			Panic Disorder score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Panic Disorder score of 70+	Not present	76	0	100.0
		Present	7	0	.0
	Overall Percentage				91.6
Step 2	Panic Disorder score of 70+	Not present	75	1	98.7
		Present	4	3	42.9
	Overall Percentage				94.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.644	.247	6.810	1	.009	1.905	1.174	3.090
	Constant	-7.777	2.496	9.710	1	.002	.000		
Step 2[b]	neuroticism	.511	.252	4.117	1	.042	1.667	1.018	2.731
	general_mood	-.124	.070	3.191	1	.074	.883	.771	1.012
	Constant	2.638	5.433	.236	1	.627	13.982		

a. Variable(s) entered on step 1: neuroticism.

b. Variable(s) entered on step 2: general_mood.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-24.007	15.178	1	.000
Step 2	neuroticism	-16.784	7.158	1	.007
	general_mood	-16.418	6.424	1	.011

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	stress_management	.961	1	.327
		general_mood	4.618	1	.032
	Overall Statistics		5.748	2	.056
Step 2	Variables	stress_management	.710	1	.399
	Overall Statistics		.710	1	.399

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	43.966	-1.759
	2	38.238	-2.451
	3	37.792	-2.713
	4	37.787	-2.747
	5	37.787	-2.747

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 37.787

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: OCD score of 70+ Not present	Predicted: OCD score of 70+ Present	Percentage Correct
Step 0	OCD score of 70+	Not present	78	0	100.0
		Present	5	0	.0
	Overall Percentage				94.0

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.747	.461	35.464	1	.000	.064

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	6.205	1	.013
		stress_management	7.126	1	.008
		general_mood	5.084	1	.024
	Overall Statistics		9.187	3	.027

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients stress_management
Step 1	1	41.570	-.033	-.018
	2	33.070	1.564	-.042
	3	31.100	3.340	-.066

	4	30.863	4.151	-.077
	5	30.857	4.288	-.079
	6	30.857	4.291	-.079
	7	30.857	4.291	-.079

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 37.787

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	6.929	1	.008
	Block	6.929	1	.008
	Model	6.929	1	.008

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	30.857[a]	.080	.219

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	2.953	8	.937

Contingency Table for Hosmer and Lemeshow Test

		OCD score of 70+ = Not present		OCD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.964	0	.036	8
	2	6	5.949	0	.051	6
	3	9	8.893	0	.107	9
	4	9	8.851	0	.149	9
	5	8	7.815	0	.185	8
	6	8	7.737	0	.263	8
	7	8	8.601	1	.399	9
	8	6	6.566	1	.434	7
	9	7	7.325	1	.675	8
	10	9	8.298	2	2.702	11

Classification Table[a]

Observed	Predicted	
	OCD score of 70+	Percentage

			Not present	Present	Correct
Step 1	OCD score of 70+	Not present	78	0	100.0
		Present	5	0	.0
	Overall Percentage				94.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.079	.033	5.736	1	.017	.924	.867	.986
	Constant	4.291	2.730	2.472	1	.116	73.076		

a. Variable(s) entered on step 1: stress_management.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-18.893	6.929	1	.008

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	2.252	1	.133
		general_mood	2.380	1	.123
	Overall Statistics		3.810	2	.149

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	52.103	-1.663
	2	48.189	-2.223
	3	48.014	-2.375
	4	48.013	-2.385
	5	48.013	-2.385

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 48.013

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted: GAD score of 70+ Not present	Predicted: GAD score of 70+ Present	Percentage Correct
Step 0	GAD score of 70+	Not present	76	0	100.0
		Present	7	0	.0
	Overall Percentage				91.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.385	.395	36.454	1	.000	.092

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	13.891	1	.000
		stress_management	7.113	1	.008
		general_mood	8.279	1	.004
	Overall Statistics		15.327	3	.002

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients Constant	Coefficients neuroticism
Step 1	1	45.858	-2.376	.125
	2	35.709	-4.083	.286

	3	31.704	-5.930	.472
	4	30.272	-7.739	.648
	5	29.993	-8.938	.761
	6	29.980	-9.266	.792
	7	29.980	-9.284	.794
	8	29.980	-9.284	.794

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 48.013

d. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	18.034	1	.000
	Block	18.034	1	.000
	Model	18.034	1	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	29.980[a]	.195	.445

a. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	1.801	8	.987

Contingency Table for Hosmer and Lemeshow Test

		GAD score of 70+ = Not present		GAD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	4	4.000	0	.000	4
	2	10	9.998	0	.002	10
	3	8	7.996	0	.004	8
	4	5	4.995	0	.005	5
	5	9	8.980	0	.020	9
	6	6	5.971	0	.029	6
	7	6	5.935	0	.065	6
	8	10	10.580	1	.420	11
	9	7	6.263	0	.737	7
	10	11	11.282	6	5.718	17

Classification Table[a]

Observed			Predicted		
			GAD score of 70+		Percentage Correct
			Not present	Present	
Step 1	GAD score of 70+	Not present	75	1	98.7
		Present	4	3	42.9
	Overall Percentage				94.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	neuroticism	.794	.303	6.869	1	.009	2.212	1.222	4.004
	Constant	-9.284	3.125	8.826	1	.003	.000		

a. Variable(s) entered on step 1: neuroticism.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	neuroticism	-24.007	18.034	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	stress_management	.737	1	.391
		general_mood	1.796	1	.180
	Overall Statistics		2.668	2	.263

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	59.674	-1.566
	2	57.043	-2.016
	3	56.976	-2.104
	4	56.976	-2.107
	5	56.976	-2.107

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 56.976

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			PTSD score of 70+		Percentage Correct
			Not present	Present	
Step 0	PTSD score of 70+	Not present	74	0	100.0
		Present	9	0	.0
	Overall Percentage				89.2

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.107	.353	35.617	1	.000	.122

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	14.302	1	.000
		stress_management	17.585	1	.000
		general_mood	7.605	1	.006
	Overall Statistics		20.766	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients		
			Constant	stress_management	neuroticism
Step 1	1	50.153	1.976	-.036	
	2	41.070	4.708	-.071	
	3	39.006	6.672	-.097	
	4	38.813	7.430	-.107	
	5	38.811	7.523	-.108	
	6	38.811	7.524	-.108	
	7	38.811	7.524	-.108	
Step 2	1	48.395	.540	-.026	.079
	2	37.129	1.680	-.052	.178
	3	33.097	2.162	-.072	.298
	4	32.031	2.045	-.083	.406
	5	31.912	1.870	-.088	.459
	6	31.910	1.837	-.088	.467
	7	31.910	1.836	-.089	.467

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 56.976

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	18.165	1	.000
	Block	18.165	1	.000
	Model	18.165	1	.000
Step 2	Step	6.901	1	.009
	Block	25.066	2	.000
	Model	25.066	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	38.811[a]	.197	.396
2	31.910[a]	.261	.525

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3.482	8	.901
2	2.192	8	.975

Contingency Table for Hosmer and Lemeshow Test

		PTSD score of 70+ = Not present		PTSD score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.976	0	.024	8
	2	6	5.958	0	.042	6
	3	9	8.901	0	.099	9
	4	9	8.842	0	.158	9
	5	8	7.779	0	.221	8
	6	7	7.642	1	.358	8
	7	8	8.395	1	.605	9
	8	7	6.264	0	.736	7
	9	6	6.748	2	1.252	8
	10	6	5.495	5	5.505	11
Step 2	1	8	7.998	0	.002	8
	2	8	7.995	0	.005	8
	3	8	7.986	0	.014	8
	4	8	7.971	0	.029	8
	5	8	7.938	0	.062	8
	6	8	7.856	0	.144	8
	7	7	7.691	1	.309	8
	8	7	7.255	1	.745	8
	9	7	6.489	1	1.511	8
	10	5	4.820	6	6.180	11

Classification Table[a]

			Predicted		
			PTSD score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	PTSD score of 70+	Not present	71	3	95.9
		Present	5	4	44.4
	Overall Percentage				90.4
Step 2	PTSD score of 70+	Not present	72	2	97.3
		Present	5	4	44.4
	Overall Percentage				91.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.108	.031	12.217	1	.000	.897	.844	.953
	Constant	7.524	2.580	8.506	1	.004	1852.734		
Step 2[b]	neuroticism	.467	.220	4.503	1	.034	1.595	1.036	2.456
	stress_management	-.089	.035	6.366	1	.012	.915	.854	.980
	Constant	1.836	3.587	.262	1	.609	6.272		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: neuroticism.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-28.488	18.165	1	.000
Step 2	neuroticism	-19.405	6.901	1	.009
	stress_management	-19.933	7.956	1	.005

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	5.730	1	.017
		general_mood	3.041	1	.081
	Overall Statistics		7.355	2	.025
Step 2	Variables	general_mood	1.537	1	.215
	Overall Statistics		1.537	1	.215

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	66.695	-1.470
	2	64.959	-1.828
	3	64.934	-1.878
	4	64.934	-1.879

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 64.934

c. Estimation terminated at iteration number 4 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Dysthymia score of 70+		Percentage Correct
			Not present	Present	
Step 0	Dysthymia score of 70+	Not present	72	0	100.0
		Present	11	0	.0
	Overall Percentage				86.7

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-1.879	.324	33.682	1	.000	.153

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	13.710	1	.000
		stress_management	16.951	1	.000
		general_mood	17.364	1	.000
	Overall Statistics		24.150	3	.000

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients Constant	general_mood	stress_management
Step 1	1	55.625	1.681	-.035	
	2	46.756	4.112	-.070	
	3	44.115	6.213	-.100	

	4	43.628	7.483	-.119	
	5	43.601	7.861	-.124	
	6	43.601	7.888	-.125	
	7	43.601	7.888	-.125	
Step 2	1	51.724	3.258	-.024	-.026
	2	39.539	7.491	-.052	-.052
	3	35.047	11.473	-.081	-.075
	4	33.945	14.281	-.103	-.089
	5	33.837	15.429	-.113	-.095
	6	33.835	15.583	-.115	-.095
	7	33.835	15.585	-.115	-.095
	8	33.835	15.585	-.115	-.095

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 64.934

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	21.333	1	.000
	Block	21.333	1	.000
	Model	21.333	1	.000
Step 2	Step	9.766	1	.002
	Block	31.099	2	.000
	Model	31.099	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	43.601[a]	.227	.418
2	33.835[b]	.312	.576

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.

1	2.266	7	.944
2	3.323	8	.912

Contingency Table for Hosmer and Lemeshow Test

		Dysthymia score of 70+ = Not present		Dysthymia score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.990	0	.010	8
	2	8	7.979	0	.021	8
	3	8	7.952	0	.048	8
	4	7	6.918	0	.082	7
	5	9	8.822	0	.178	9
	6	9	9.629	1	.371	10
	7	7	7.264	1	.736	8
	8	7	6.002	1	1.998	8
	9	9	9.444	8	7.556	17
Step 2	1	8	7.999	0	.001	8
	2	8	7.996	0	.004	8
	3	8	7.982	0	.018	8
	4	8	7.959	0	.041	8
	5	8	7.904	0	.096	8
	6	8	7.847	0	.153	8
	7	7	7.715	1	.285	8
	8	8	7.156	0	.844	8
	9	5	5.578	3	2.422	8
	10	4	3.863	7	7.137	11

Classification Table[a]

			Predicted		
			Dysthymia score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Dysthymia score of 70+	Not present	72	0	100.0
		Present	11	0	.0
	Overall Percentage				86.7
Step 2	Dysthymia score of 70+	Not present	68	4	94.4
		Present	6	5	45.5
	Overall Percentage				88.0

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	general_mood	-.125	.040	9.807	1	.002	.883	.816	.954
	Constant	7.888	2.842	7.702	1	.006	2666.102		
Step 2[b]	stress_management	-.095	.035	7.286	1	.007	.909	.848	.974
	general_mood	-.115	.042	7.356	1	.007	.891	.820	.969
	Constant	15.585	4.683	11.077	1	.001	5869779.371		

a. Variable(s) entered on step 1: general_mood.

b. Variable(s) entered on step 2: stress_management.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	general_mood	-32.467	21.333	1	.000
Step 2	stress_management	-21.800	9.766	1	.002
	general_mood	-23.756	13.678	1	.000

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	5.041	1	.025
		stress_management	9.361	1	.002
	Overall Statistics		11.909	2	.003
Step 2	Variables	neuroticism	3.125	1	.077
	Overall Statistics		3.125	1	.077

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	39.682	-1.807
	2	32.789	-2.573
	3	32.081	-2.918
	4	32.064	-2.981
	5	32.064	-2.983
	6	32.064	-2.983

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 32.064

c. Estimation terminated at iteration number 6 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Manic score of 70+		Percentage Correct
			Not present	Present	
Step 0	Manic score of 70+	Not present	79	0	100.0
		Present	4	0	.0
	Overall Percentage				95.2

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.983	.513	33.881	1	.000	.051

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	3.513	1	.061
		stress_management	5.660	1	.017
		general_mood	2.514	1	.113
	Overall Statistics		6.213	3	.102

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d]

Iteration		-2 Log likelihood	Coefficients	
			Constant	stress_management
Step 1	1	38.120	-.423	-.014
	2	29.131	.848	-.036
	3	26.942	2.656	-.060
	4	26.613	3.652	-.074
	5	26.601	3.871	-.077
	6	26.601	3.881	-.077
	7	26.601	3.881	-.077

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 32.064

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	5.464	1	.019
	Block	5.464	1	.019
	Model	5.464	1	.019

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	26.601[a]	.064	.199

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	10.873	8	.209

Contingency Table for Hosmer and Lemeshow Test

		Manic score of 70+ = Not present		Manic score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.970	0	.030	8
	2	6	5.958	0	.042	6
	3	9	8.913	0	.087	9
	4	9	8.880	0	.120	9
	5	8	7.852	0	.148	8
	6	8	7.791	0	.209	8
	7	7	8.683	2	.317	9
	8	7	6.657	0	.343	7
	9	8	7.468	0	.532	8

Contingency Table for Hosmer and Lemeshow Test

		Manic score of 70+ = Not present		Manic score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.970	0	.030	8
	2	6	5.958	0	.042	6
	3	9	8.913	0	.087	9
	4	9	8.880	0	.120	9
	5	8	7.852	0	.148	8
	6	8	7.791	0	.209	8
	7	7	8.683	2	.317	9
	8	7	6.657	0	.343	7
	9	8	7.468	0	.532	8
	10	9	8.828	2	2.172	11

Classification Table[a]

			Predicted		
			Manic score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Manic score of 70+	Not present	79	0	100.0
		Present	4	0	.0
	Overall Percentage				95.2

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.077	.036	4.586	1	.032	.926	.863	.994
	Constant	3.881	2.966	1.712	1	.191	48.479		

a. Variable(s) entered on step 1: stress_management.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-16.032	5.464	1	.019

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.784	1	.376
		general_mood	.789	1	.375
	Overall Statistics		1.296	2	.523

Block 0: Beginning Block

Iteration History[a,b,c]

Iteration		-2 Log likelihood	Coefficients Constant
Step 0	1	52.103	-1.663
	2	48.189	-2.223
	3	48.014	-2.375
	4	48.013	-2.385
	5	48.013	-2.385

a. Constant is included in the model.

b. Initial -2 Log Likelihood: 48.013

c. Estimation terminated at iteration number 5 because parameter estimates changed by less than .001.

Classification Table[a,b]

Observed			Predicted		
			Schizophrenia score of 70+		Percentage Correct
			Not present	Present	
Step 0	Schizophrenia score of 70+	Not present	76	0	100.0
		Present	7	0	.0
	Overall Percentage				91.6

a. Constant is included in the model.

b. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)
Step 0	Constant	-2.385	.395	36.454	1	.000	.092

Variables not in the Equation

			Score	df	Sig.
Step 0	Variables	neuroticism	4.845	1	.028
		stress_management	13.786	1	.000
		general_mood	10.760	1	.001
	Overall Statistics		17.060	3	.001

Block 1: Method = Forward Stepwise (Likelihood Ratio)

Iteration History[a,b,c,d,e]

Iteration		-2 Log likelihood	Coefficients		
			Constant	stress_management	general_mood
Step 1	1	45.967	1.141	-.029	
	2	36.709	3.584	-.061	
	3	34.368	5.626	-.088	
	4	34.081	6.540	-.101	
	5	34.074	6.696	-.103	
	6	34.074	6.700	-.103	
	7	34.074	6.700	-.103	
Step 2	1	44.511	1.669	-.021	-.014
	2	32.836	5.241	-.048	-.034
	3	28.082	9.199	-.073	-.060
	4	26.564	12.436	-.093	-.085
	5	26.305	14.284	-.102	-.100
	6	26.294	14.756	-.105	-.105
	7	26.294	14.782	-.105	-.105
	8	26.294	14.782	-.105	-.105

a. Method: Forward Stepwise (Likelihood Ratio)

b. Constant is included in the model.

c. Initial -2 Log Likelihood: 48.013

d. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

e. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Omnibus Tests of Model Coefficients

		Chi-square	df	Sig.
Step 1	Step	13.939	1	.000
	Block	13.939	1	.000
	Model	13.939	1	.000
Step 2	Step	7.780	1	.005
	Block	21.720	2	.000
	Model	21.720	2	.000

Model Summary

Step	-2 Log likelihood	Cox & Snell R Square	Nagelkerke R Square
1	34.074[a]	.155	.352
2	26.294[b]	.230	.524

a. Estimation terminated at iteration number 7 because parameter estimates changed by less than .001.

b. Estimation terminated at iteration number 8 because parameter estimates changed by less than .001.

Hosmer and Lemeshow Test

Step	Chi-square	df	Sig.
1	3.496	8	.899
2	3.462	8	.902

Contingency Table for Hosmer and Lemeshow Test

		Schizophrenia score of 70+ = Not present		Schizophrenia score of 70+ = Present		
		Observed	Expected	Observed	Expected	Total
Step 1	1	8	7.980	0	.020	8
	2	6	5.965	0	.035	6
	3	9	8.920	0	.080	9
	4	9	8.875	0	.125	9
	5	8	7.829	0	.171	8
	6	8	7.729	0	.271	8
	7	8	8.548	1	.452	9
	8	7	6.457	0	.543	7
	9	6	7.081	2	.919	8
	10	7	6.616	4	4.384	11
Step 2	1	8	8.000	0	.000	8
	2	8	7.998	0	.002	8
	3	8	7.992	0	.008	8
	4	8	7.982	0	.018	8
	5	8	7.956	0	.044	8
	6	8	7.937	0	.063	8
	7	8	7.858	0	.142	8
	8	9	8.536	0	.464	9
	9	5	6.637	3	1.363	8
	10	6	5.105	4	4.895	10

Classification Table[a]

			Predicted		
			Schizophrenia score of 70+		Percentage Correct
	Observed		Not present	Present	
Step 1	Schizophrenia score of 70+	Not present	73	3	96.1
		Present	4	3	42.9
	Overall Percentage				91.6
Step 2	Schizophrenia score of 70+	Not present	74	2	97.4
		Present	5	2	28.6
	Overall Percentage				91.6

a. The cut value is .500

Variables in the Equation

		B	S.E.	Wald	df	Sig.	Exp(B)	95% C.I.for EXP(B)	
								Lower	Upper
Step 1[a]	stress_management	-.103	.033	9.844	1	.002	.902	.846	.962
	Constant	6.700	2.679	6.257	1	.012	812.683		
Step 2[b]	stress_management	-.105	.042	6.128	1	.013	.901	.829	.978
	general_mood	-.105	.051	4.180	1	.041	.900	.814	.996
	Constant	14.782	5.398	7.499	1	.006	2627917.443		

a. Variable(s) entered on step 1: stress_management.

b. Variable(s) entered on step 2: general_mood.

Model if Term Removed

Variable		Model Log Likelihood	Change in -2 Log Likelihood	df	Sig. of the Change
Step 1	stress_management	-24.007	13.939	1	.000
Step 2	stress_management	-17.418	8.542	1	.003
	general_mood	-17.037	7.780	1	.005

Variables not in the Equation

			Score	df	Sig.
Step 1	Variables	neuroticism	.262	1	.609
		general_mood	6.451	1	.011
	Overall Statistics		6.451	2	.040
Step 2	Variables	neuroticism	.005	1	.945
	Overall Statistics		.005	1	.945